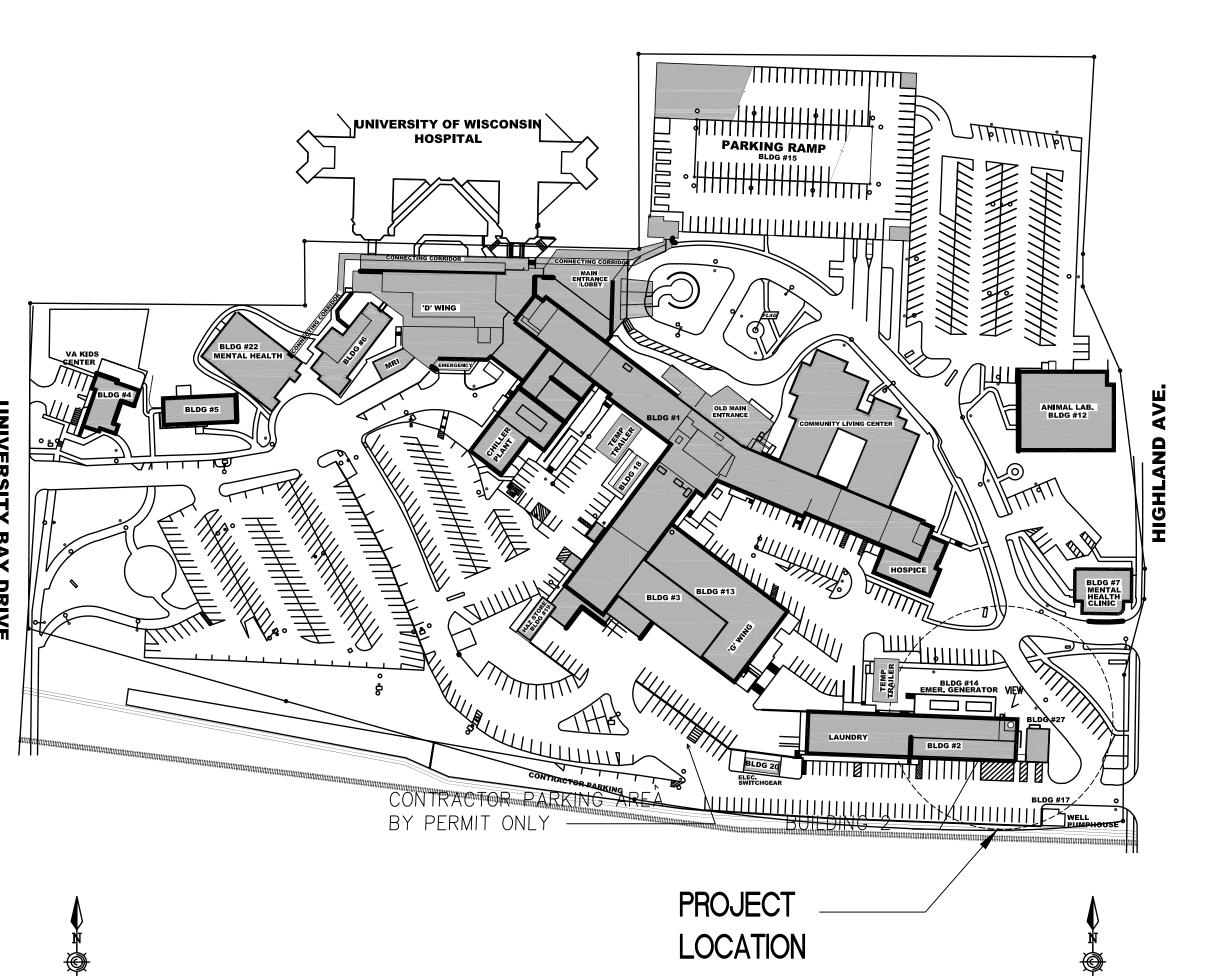
# DEPARTMENT OF VETERANS AFFAIRS

WILLIAM S. MIDDLETON MEMORIAL VETERANS HOSPITAL 2500 OVERLOOK TERRACE MADISON, WISCONSIN 53705

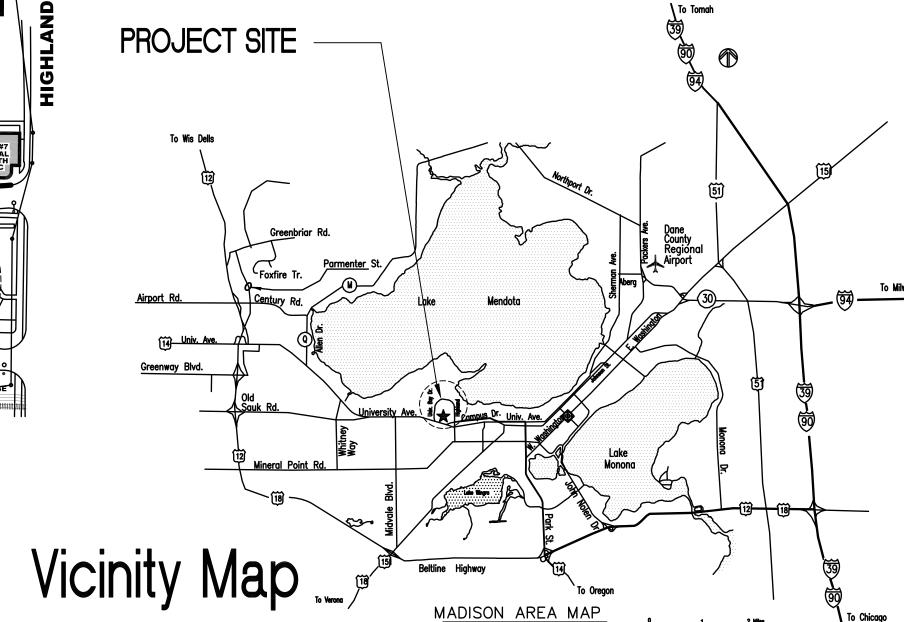
RENOVATE BUILDING 2 ADMINISTRATIVE SUPPORT.



VA PROJECT NUMBER 607-12-115

IDG PROJECT NUMBER 120901

		SHEET INDEX
•	G100	COVER SHEET / ABBREVIATIONS AND SYMBOLS
	G101	CODE, FIRE AND LIFE SAFETY / ABBREVIATIONS AND SYMBOLS
	G102	CODE, FIRE AND LIFE SAFETY / ABBREVIATIONS AND SYMBOLS
	G103	CODE, FIRE AND LIFE SAFETY / ABBREVIATIONS AND SYMBOLS
	HA101	ASBESTOS ABATEMENT PLAN — GROUND FLOOR
	HA102	ASBESTOS ABATEMENT PLAN — FIRST FLOOR
•	HA103	ASBESTOS ABATEMENT PLAN — MEZZANINE FLOOR
	C100	EXISTING SITE PLAN
	C200	EROSION CONTROL AND DEMOLITION PLAN
	C300	SITE AND UTILITY RESTORATION PLAN
	C900	SITE CONSTRUCTION DETAILS
	C901	SITE CONSTRUCTION DETAILS



VOL 3

VOL 2

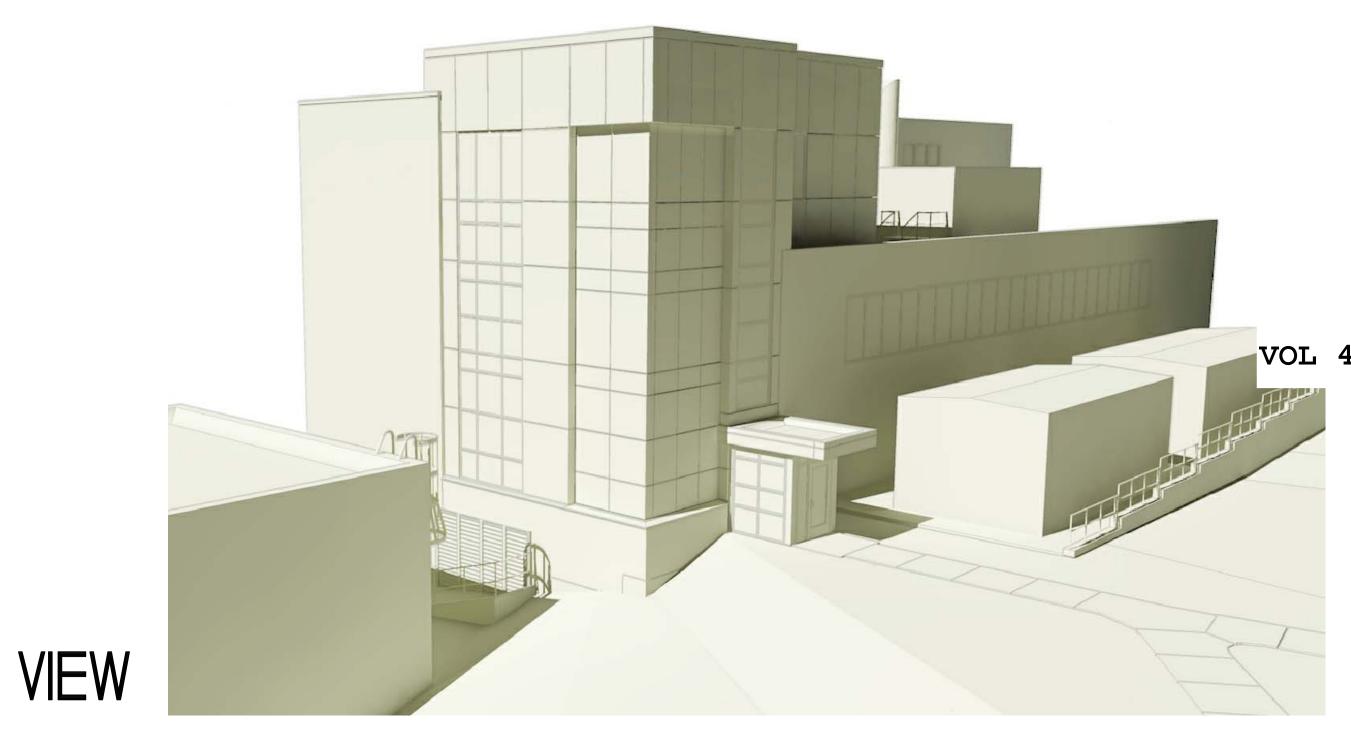
### BUILDING INFORMATION

1BC, NFPA 101: LATEST ADDITION CLASS OF CONSTRUCTION: IBC IIA NON-COMBUSTIBLE BUILDING FULLY SPRINKLERED: UNLIMITED AREA

VA Site Map

FIRE RATINGS	IN HOURS
BEARING WALLS & COLUMNS	1
TRUSSES, GIRDERS, BEAMS	1
FLOOR CONSTRUCTION	1 or 2
ROOF CONSTRUCTION	1
SHAFTS	2

AREA SQUARE FOOTAGE	RENOVATION AREA
	4 570 05
BASEMENT FLOOR	1,570 SF
GROUND FLOOR	4,845 SF
FIRST FLOOR	4,224 SF
SECOND FLOOR	4,845 SF
THIRD FLOOR	2,383 SF
TOTAL	17,867 SF



A001	SITE PLAN
A100	GROUND FLOOR & BASEMENT PLANS — DEMOLITION AND NOTES
A101	FIRST & SECOND FLOOR PLANS — DEMOLITION AND NOTES
A102	THIRD FLOOR & ROOF PLANS — DEMOLITION AND NOTES
A110	NORTH, SOUTH & EAST EXTERIOR ELEVATIONS — DEMOLITION AND
,	NOTES
A111	BUILDING SECTIONS - DEMOLITION AND NOTES
A200	GROUND FLOOR & BASEMENT PLAN - RENOVATION AND NOTES
A201	FIRST & SECOND FLOOR PLANS - RENOVATION AND NOTES
A202	THIRD FLOOR & ROOF PLANS - RENOVATION AND NOTES
A210	ENLARGED FLOOR PLANS AT ELEVATOR AND VESTIBULE
A211	ENLARGED FLOOR PLANS - MISCELLANEOUS
A212	ENLARGED FLOOR PLANS — STAIRS
A251	FIRST & SECOND FLOOR FINISH PLANS - RENOVATION AND NOTES
A252	THIRD FLOOR FINISH PLAN — RENOVATION AND NOTES
A300	GROUND FLOOR PLAN — REFLECTED CEILING PLAN AND NOTES
A301	FIRST FLOOR PLAN — REFLECTED CEILING PLAN AND NOTES
A302	THIRD FLOOR PLAN — REFLECTED CEILING PLAN AND NOTES
A330	ALTERNATE THIRD FLOOR PLAN
A401	EXTERIOR ELEVATIONS — RENOVATION AND NOTES
A501	BUILDING SECTIONS — RENOVATION AND NOTES
A502	BUILDING SECTIONS— RENOVATION AND NOTES
A503	STAIR SECTIONS— RENOVATION AND NOTES
A506	EXTERIOR WALL SECTIONS
A507	EXTERIOR WALL SECTIONS VOI
A601	DETAILS — EXTERIOR
A602	DETAILS - EXTERIOR
A603	DETAILS - EXTERIOR
A604	DETAILS - EXTERIOR
A701	INTERIOR ELEVATIONS
A702	INTERIOR ELEVATIONS
A800	DOOR SCHEDULE
A801	DOOR AND FRAME DETAILS
A901	DETAILS - INTERIOR
A901	DETAILS - INTERIOR
A902 A903	DETAILS - INTERIOR
A303	DETAILS - INTERIOR
S101	GENERAL NOTES
S101	FIRST LEVEL FRAMING PLAN
S102	SECOND LEVEL FRAMING PLAN
S102	LOW ROOF FRAMING PLAN
S103	THIRD LEVEL FRAMING PLAN
S104	HIGH ROOF LEVEL FRAMING PLAN
S501	CONCRETE AND STEEL DETAILS
S511	COMPOSITE SLAB DETAILS
S511	COMPOSITE SLAB DETAILS  COMPOSITE SLAB DETAILS
S512 S521	ROOF DECK SECTIONS AND DETAILS
S521 S541	MASONRY SECTIONS AND DETAILS
JU41	INIVOCIALI OFCHOIAO VIAN ALIAIFO
P001	PLUMBING GENERAL NOTES, LEGEND, SCHEDULES, AND DETAILS
P100	BASEMENT GROUND LEVEL PLUMBING DEMOLITION PLAN
P100 P101	FIRST LEVEL PLUMBING DEMOLITION PLAN
P101 P102	SECOND LEVEL PLUMBING DEMOLITION PLAN
P103	THIRD LEVEL PLUMBING DEMOLITION PLAN
P200	BASEMENT GROUND LEVEL PLUMBING PLANS
P201	FIRST LEVEL PLUMBING PLAN
$D \cap C \cap C$	SECOND LEVEL PLUMBING PLAN
P202	THIRD I EVEL DI LIMBINO DI MAI
P202 P203 P300	THIRD LEVEL PLUMBING PLAN PLUMBING ISOMETRICS

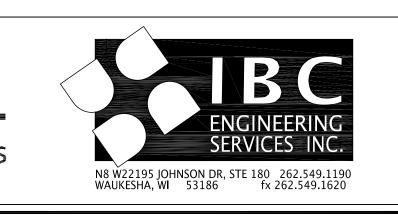
SHEET INDEX

y v	70L 4	SHEET INDEX
-	H001	HVAC GENERAL NOTES, LEGEND, AND SCHEDULES
_	H002	HVAC SCHEDULES
	H050	HVAC SITE PLAN & PARTIAL BUILDING 3 GROUND FLOOR HVAC
_	11400	PLANS
_	H100	BASEMENT AND GROUND LEVEL HVAC DEMOLITION PLANS
	H101	FIRST LEVEL HVAC DEMOLITION PLAN
	H102	SECOND LEVEL HVAC DEMOLITION PLAN
	H103	THIRD LEVEL HVAC DEMOLITION PLAN
	H200	BASEMENT AND GROUND LEVEL HVAC PLANS
	H201	
		PIFIRST LEVEL HVAC PLAN — PIPING
		SECOND LEVEL HVAC PLAN
		PISECOND LEVEL HVAC PLAN — PIPING
		THIRD LEVEL HVAC PLAN
	H203-F	PITHIRD LEVEL HVAC PLAN — PIPING
	H300	HVAC DETAILS
	H301	HVAC DETAILS
	H302	HVAC DETAILS
_	H303	HVAC DETAILS
-	H304	HVAC DETAILS
	H400	HVAC CONTROLS SCHEMATICS
_	H401	HVAC CONTROLS SCHEMATICS AND POINT LISTS
$\dashv$	H402	HVAC POINTS LISTS
L 5	E000	ELECTRICAL SYMBOLS AND ABBREVIATIONS
	E050	ELECTRICAL STRIBULS AND ADDREVIATIONS  ELECTRICAL SITE PLAN
	E100	BASEMENT AND GROUND LEVEL ELECTRICAL DEMOLITION PLANS
	E101	FIRST LEVEL (EXISTING MEZZANINE) ELECTRICAL DEMOLITION PLAN
	E102	SECOND LEVEL ELECTRICAL DEMOLITION PLAN
	E103	THIRD LEVEL (EXISTING PENTHOUSE) ELECTRICAL DEMOLITION PLAN
_	EL200	BASEMENT AND GROUND LEVEL ELECTRICAL LIGHTING PLANS
_	EL200	BASEMENT AND GROUND LEVEL ELECTRICAL EMERGENCY LIGHTING
_	EM	PLANS
	EL201	FIRST LEVEL ELECTRICAL LIGHTING PLAN
_	EL201	FIRST LEVEL ELECTRICAL EMERGENCY LIGHTING PLAN
	EL202	SECOND LEVEL ELECTRICAL LIGHTING PLAN
	EL202	SECOND LEVEL ELECTRICAL EMERGENCY LIGHTING PLAN
	EM	
	EL203	THIRD LEVEL ELECTRICAL LIGHTING PLAN
	EL203	THIRD LEVEL ELECTRICAL EMERGENCY LIGHTING PLAN
	EP200	BASEMENT AND GROUND LEVEL ELECTRICAL POWER PLANS
	EP201	FIRST LEVEL ELECTRICAL POWER PLAN
	EP202	SECOND LEVEL ELECTRICAL POWER PLAN
	EP203	THIRD LEVEL ELECTRICAL POWER PLAN
[	ES050	PARTIAL C-WING AND G-WING SYSTEMS PLANS
_	ES200	BASEMENT AND GROUND LEVEL ELECTRICAL SYSTEMS PLANS
	ES201	FIRST LEVEL ELECTRICAL SYSTEMS PLAN
	ES202	
	ES203	THIRD LEVEL ELECTRICAL SYSTEMS PLAN
$\dashv$ $\mid$	E300 E500	ONE-LINE RISER DIAGRAM  ELECTRICAL LIGHTING DETAILS
$\dashv$	E500	ELECTRICAL LIGHTING DETAILS  ELECTRICAL DETAILS
$\dashv$ $\mid$	E502	ELECTRICAL DETAILS  ELECTRICAL DETAILS
$\dashv$	E600	ELECTRICAL DETAILS  ELECTRICAL SCHEDULES
$\dashv$	E601	ELECTRICAL SCHEDULES
$\dashv$	E602	ELECTRICAL SCHEDULES
	E603	ELECTRICAL SCHEDULES
	E604	ELECTRICAL SCHEDULES
[	L	LOOM CONCIDITATION DOCUMENTO

CONSULTANTS:

p 262.641.0746 f 262.641.0584 **architects** 

ARCHITECT/ENGINEERS:

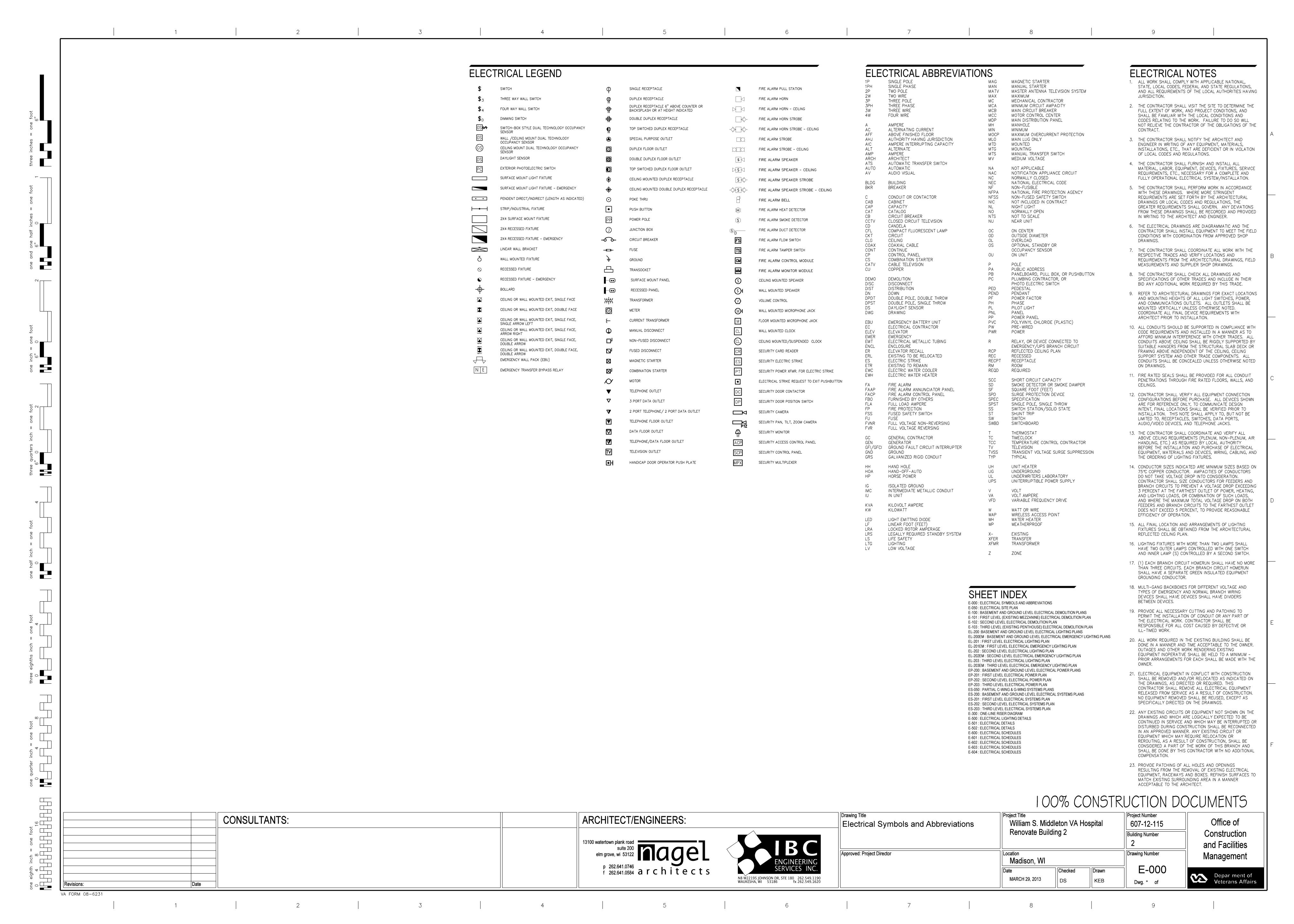


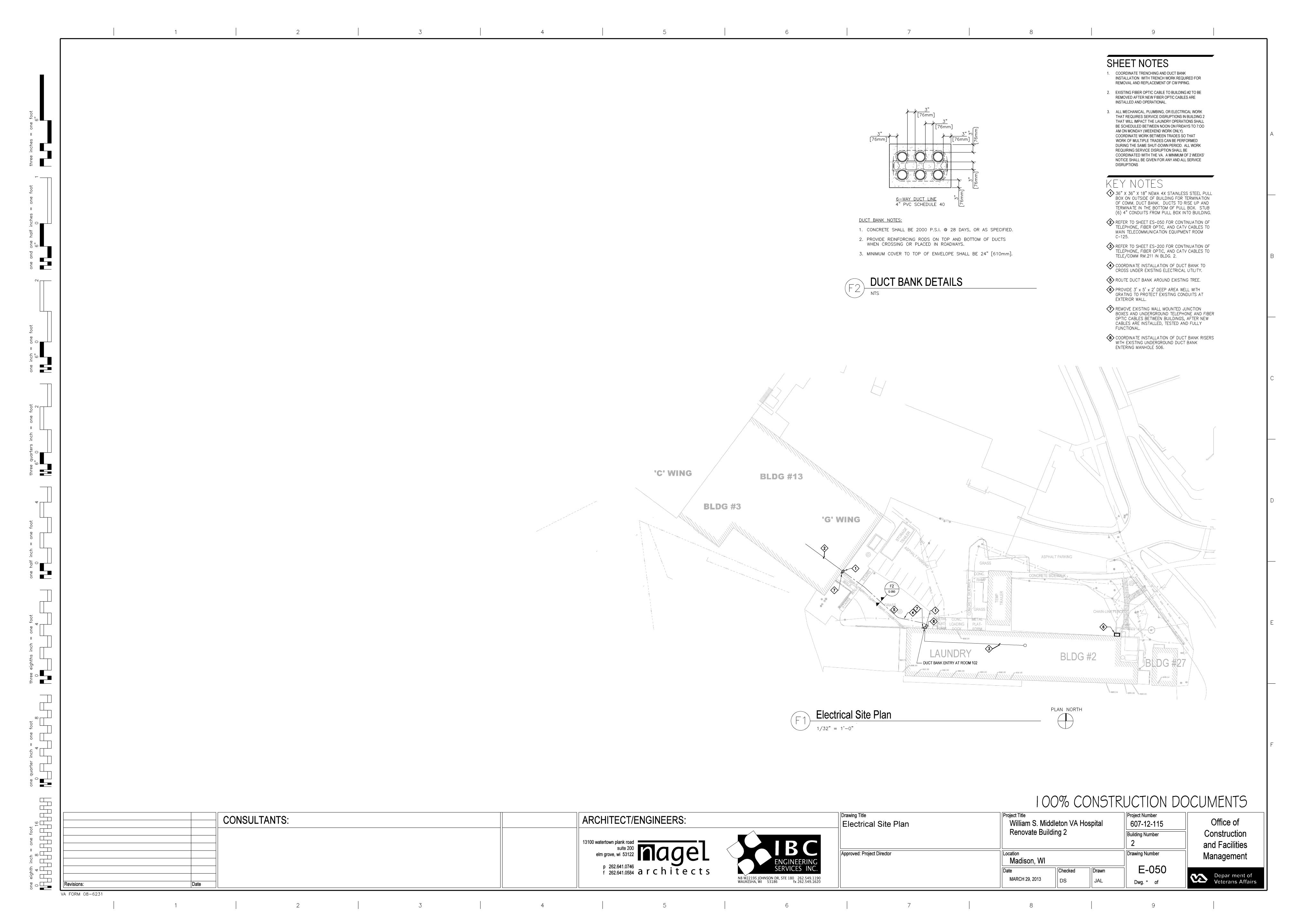
	100	D% CC	NSTR	UCTION DO	OCUMENTS
Cover Sheet	Project Title William S. Midd Renovate Buildi		spital	Project Number 607-12-115  Building Number 2	Office of Construction and Facilities
pproved: Project Director	Location Madison, WI  Date MARCH 29, 2013	Checked	Drawn REG	Drawing Number  G100  Dwg. of	Management  Department of Veterans Affairs

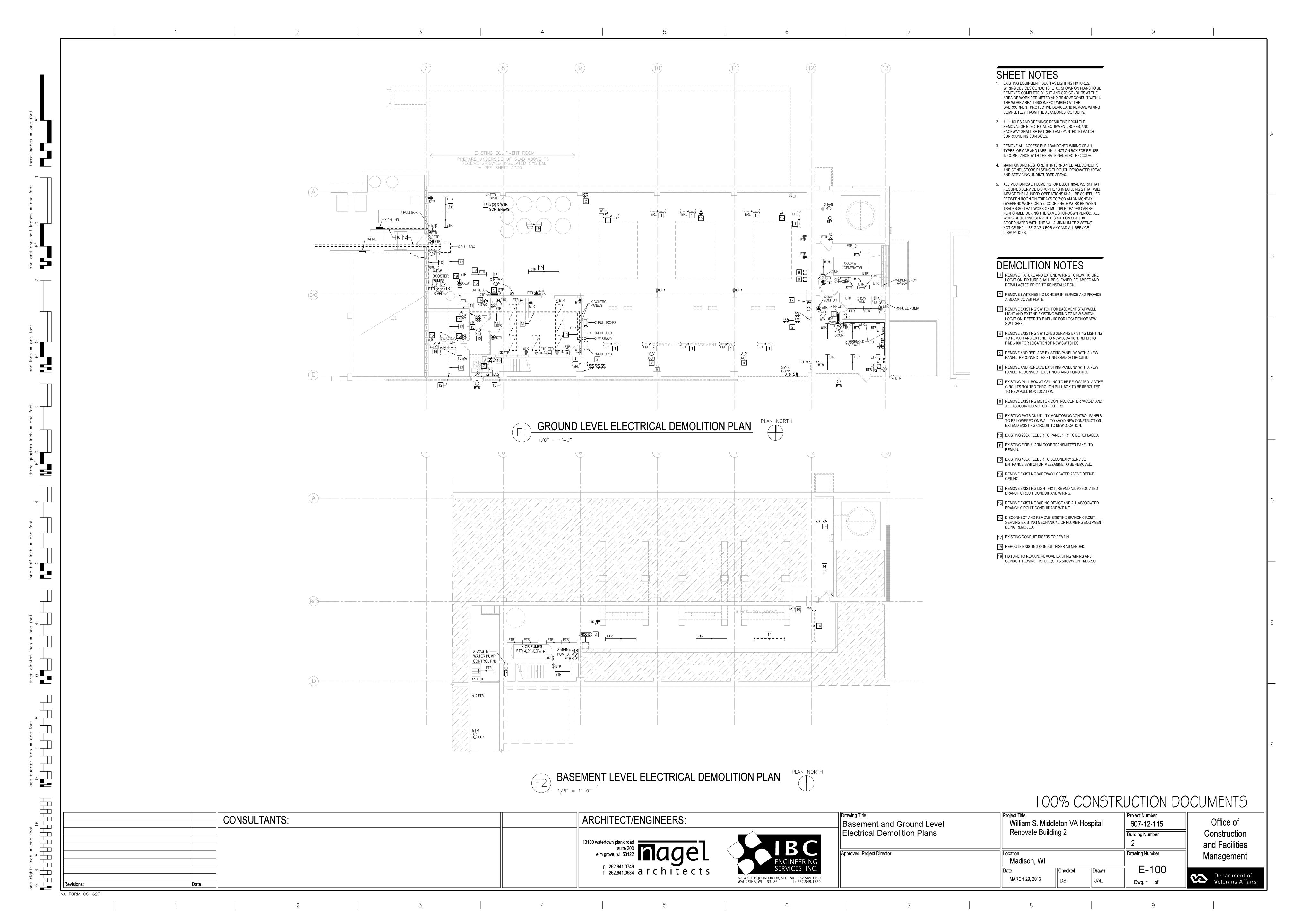
one eighth inch = one foot

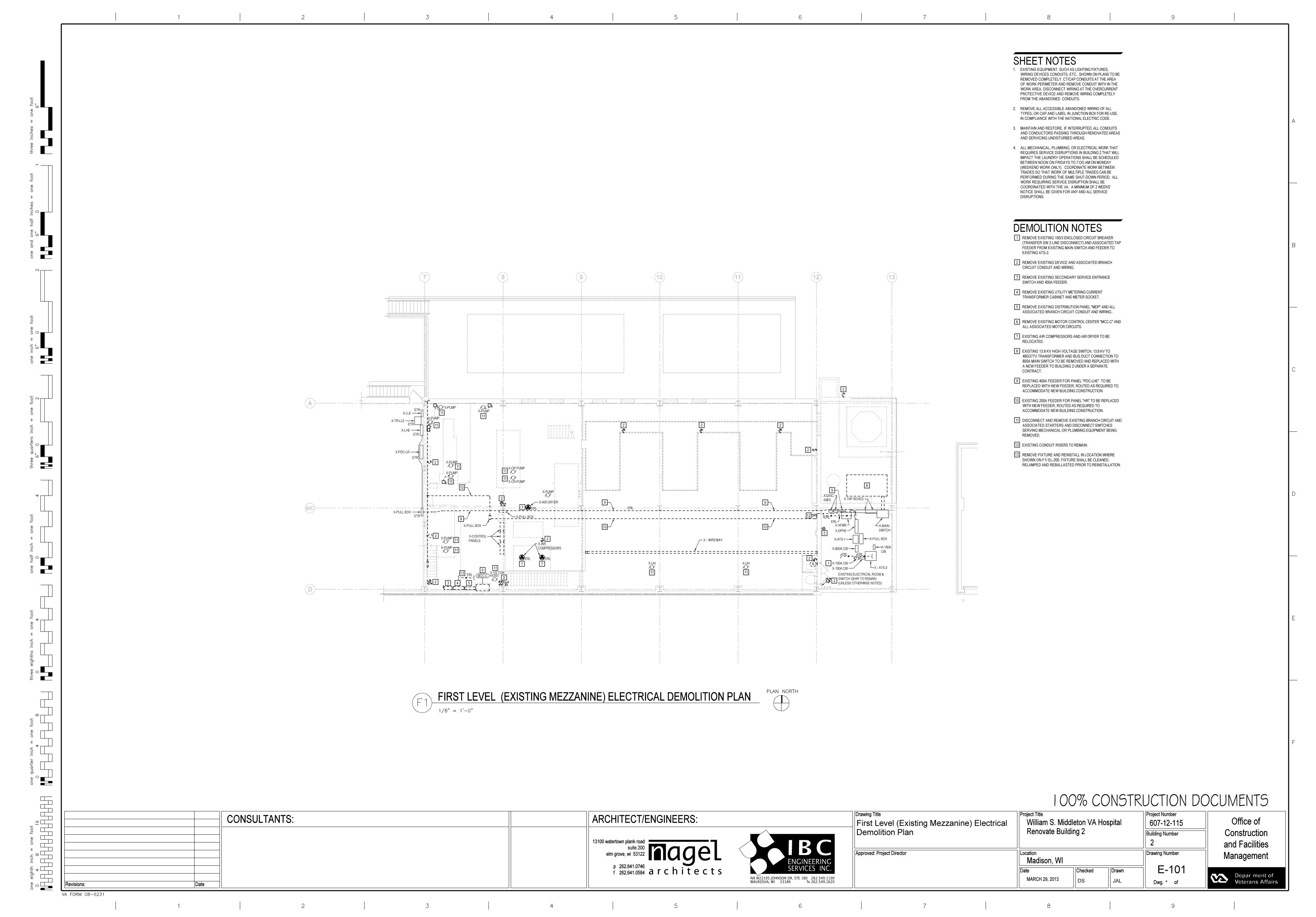
0 4 8 16

VA FORM 08-6231





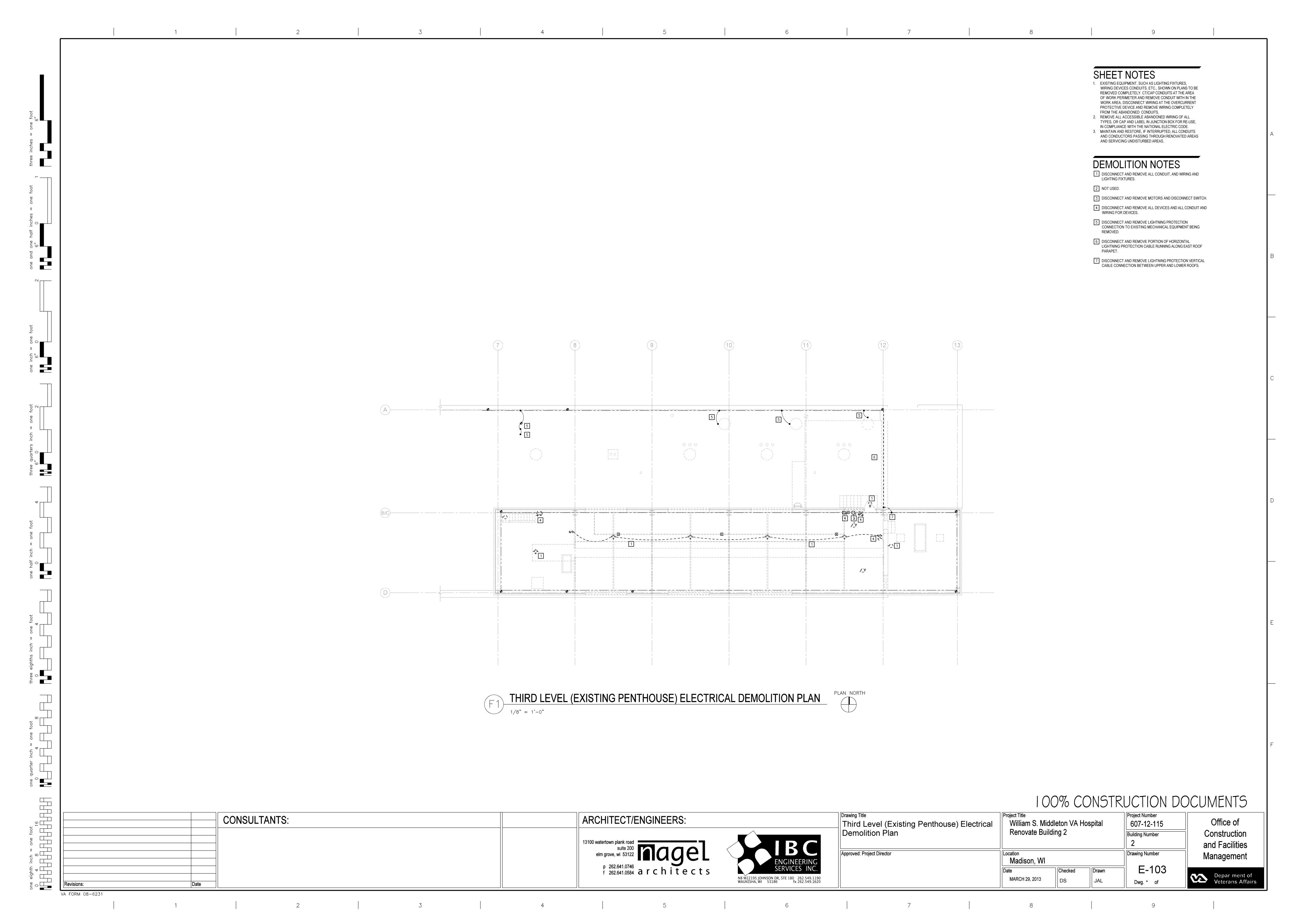


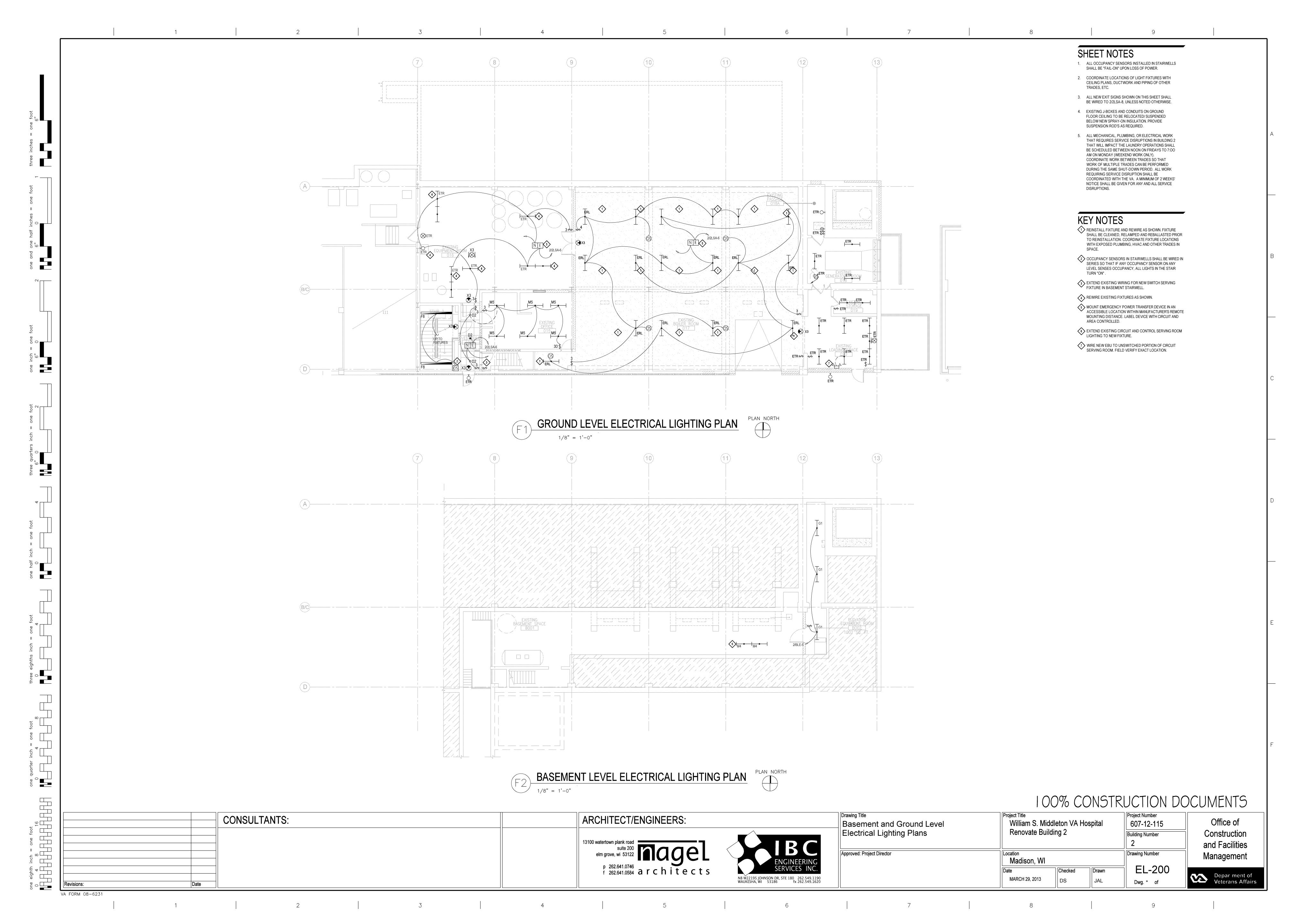


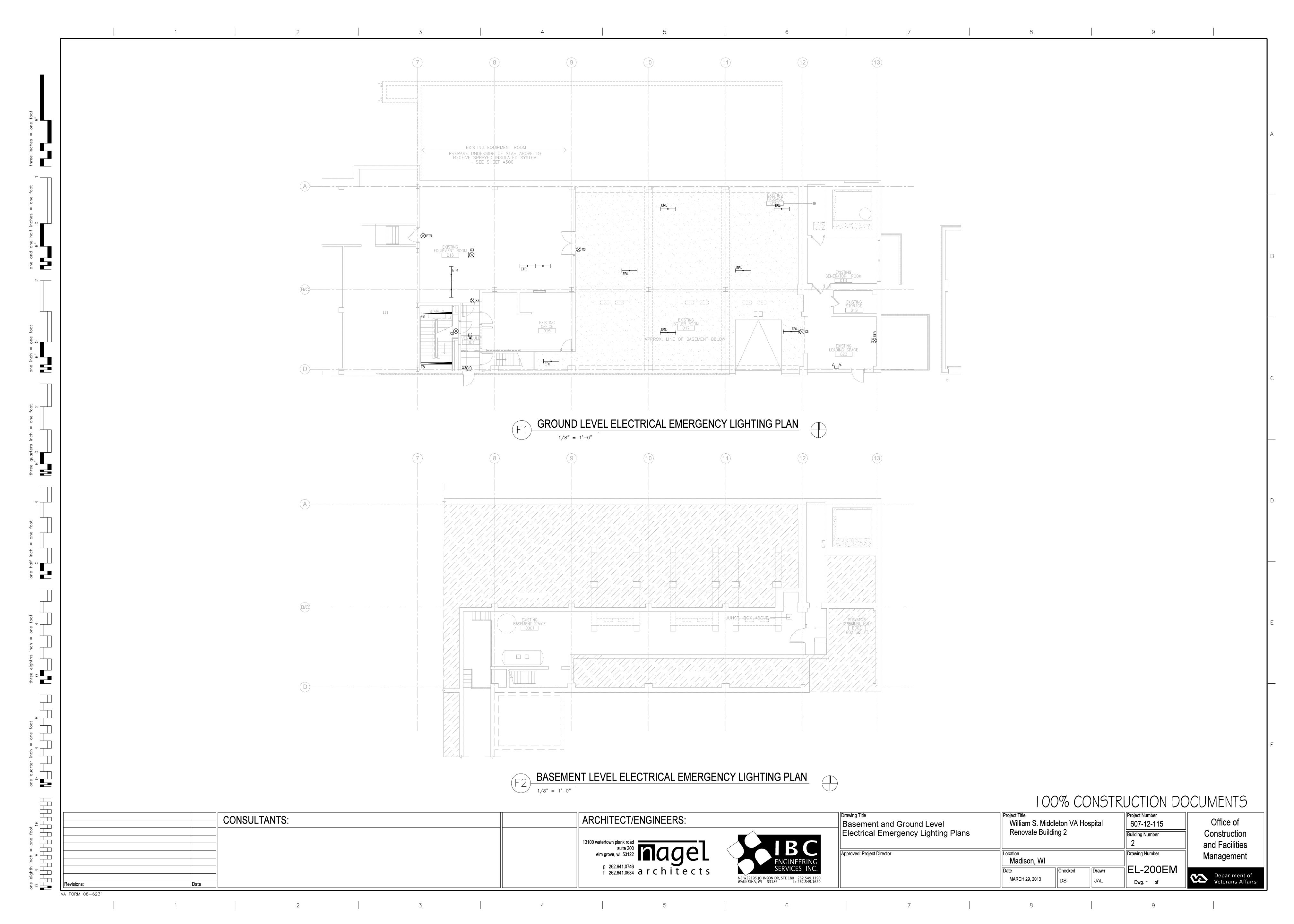
**DEMOLITION NOTES** 1 REMOVE FIXTURE AND REINSTALL IN LOCATION WHERE SHOWN ON F1/ EL-200. FIXTURE SHALL BE CLEANED, RELAMPED AND REBALLASTED PRIOR TO REINSTALLATION. SECOND LEVEL ELECTRICAL DEMOLITION PLAN

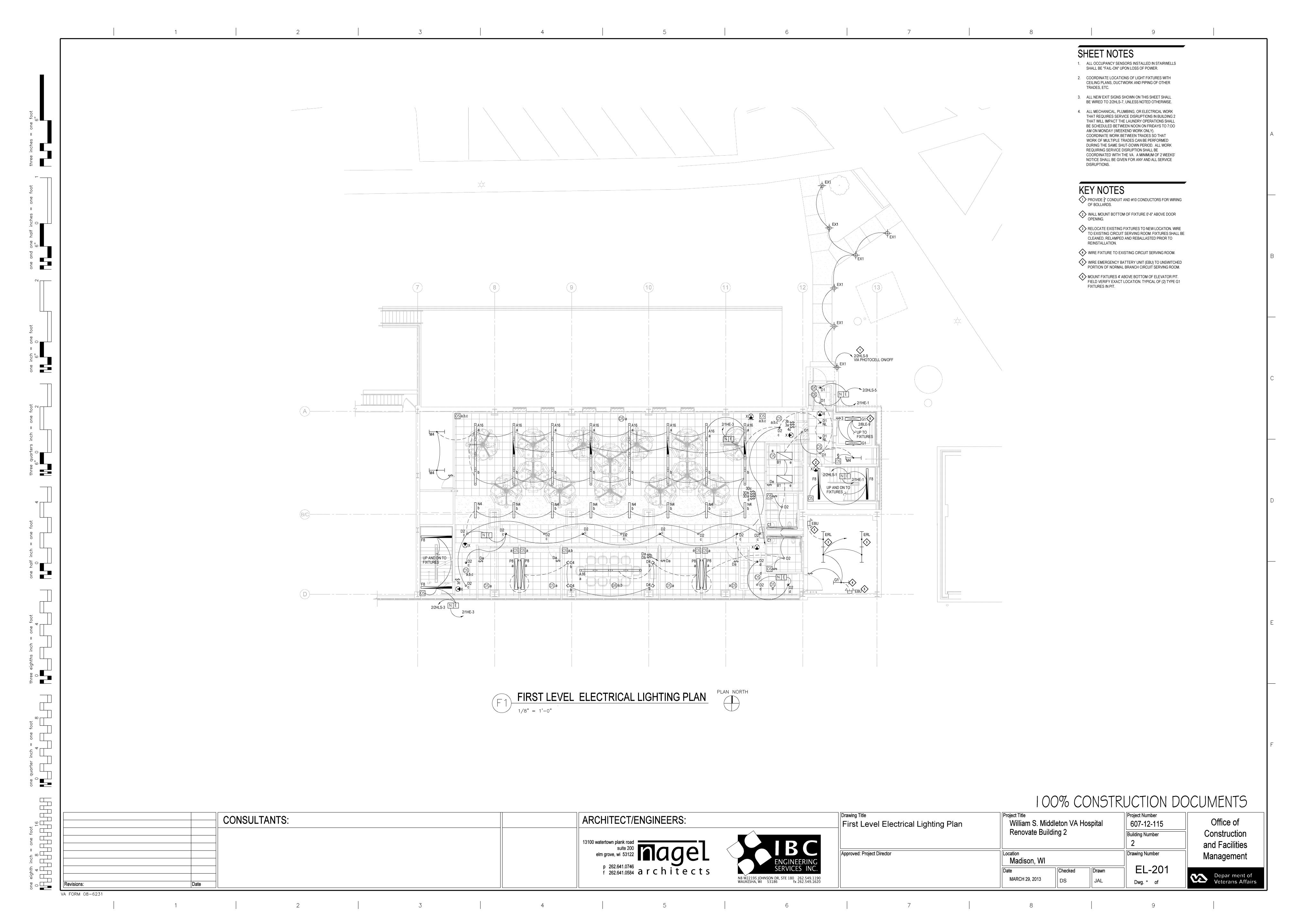
1/8" = 1'-0" one quarter inch 100% CONSTRUCTION DOCUMENTS Project Title
William S. Middleton VA Hospital
Renovate Building 2 Drawing Title Project Number 607-12-115 CONSULTANTS: ARCHITECT/ENGINEERS: Office of Second Level Electrical Demolition Plan Construction Building Number and Facilities Approved: Project Director Drawing Number Location Madison, WI Management p 262.641.0746 f 262.641.0584 architects E-102 Checked Depar ment of Veterans Affairs MARCH 29, 2013 Dwg. \* of

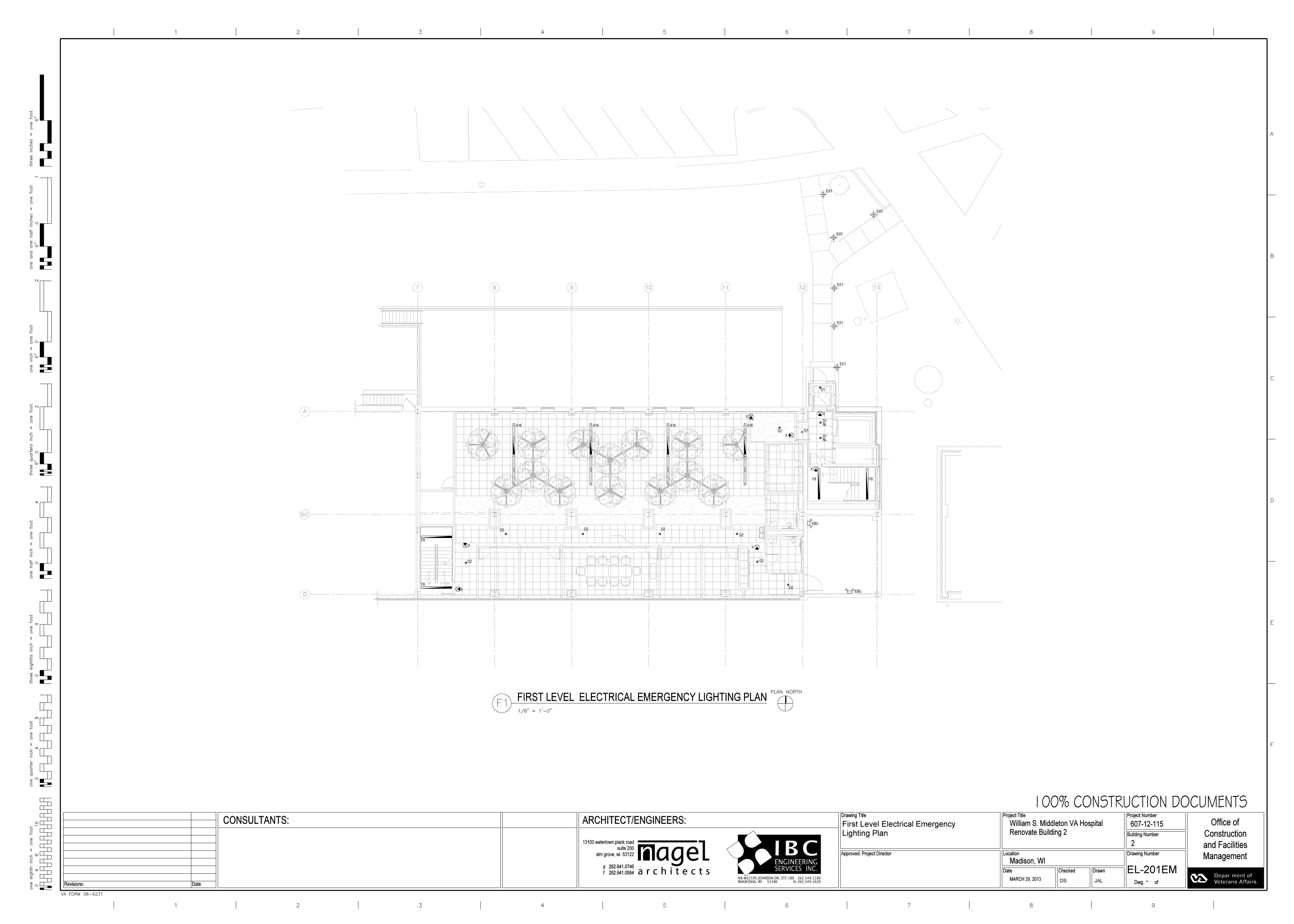
2 3 4

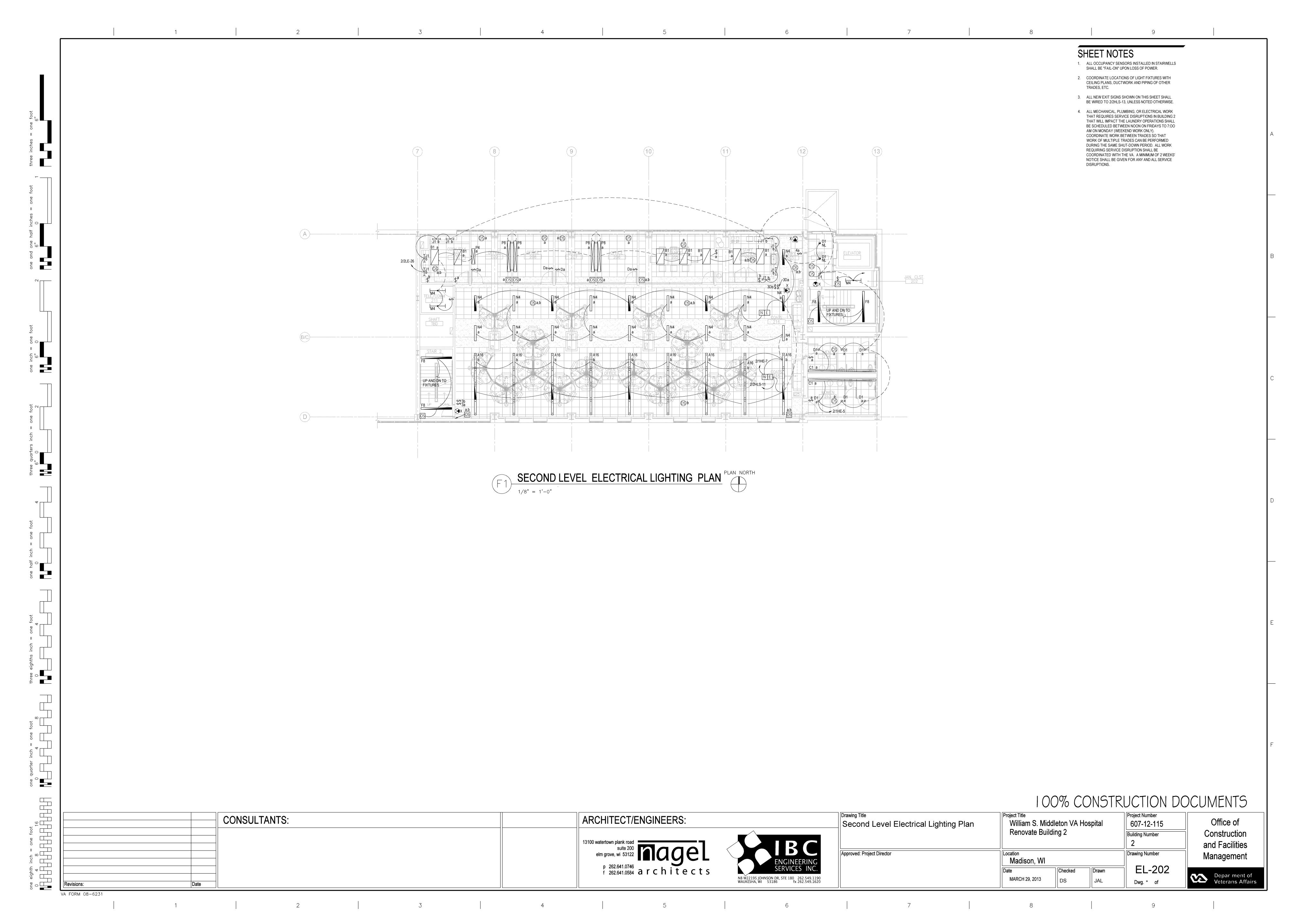


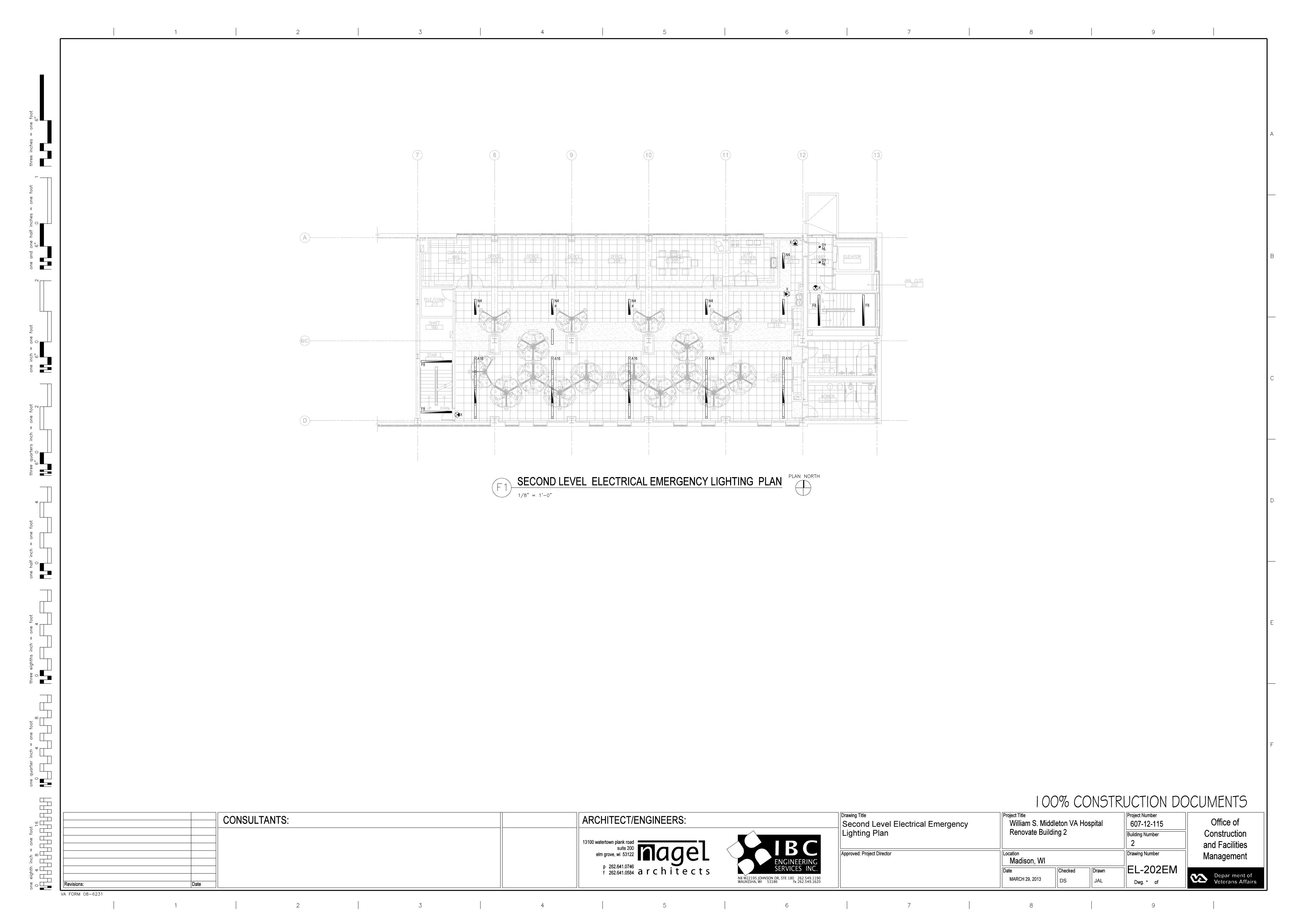


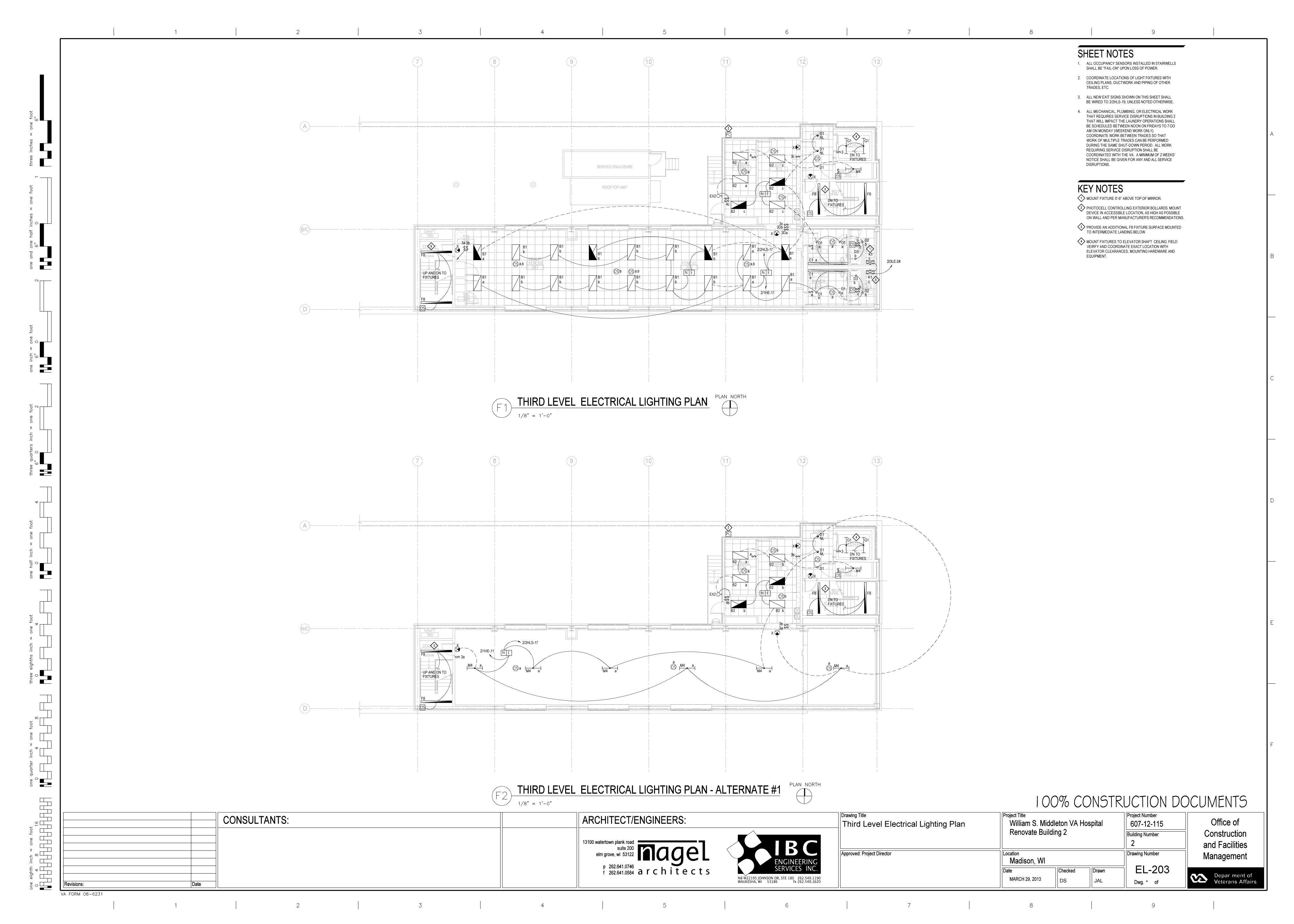


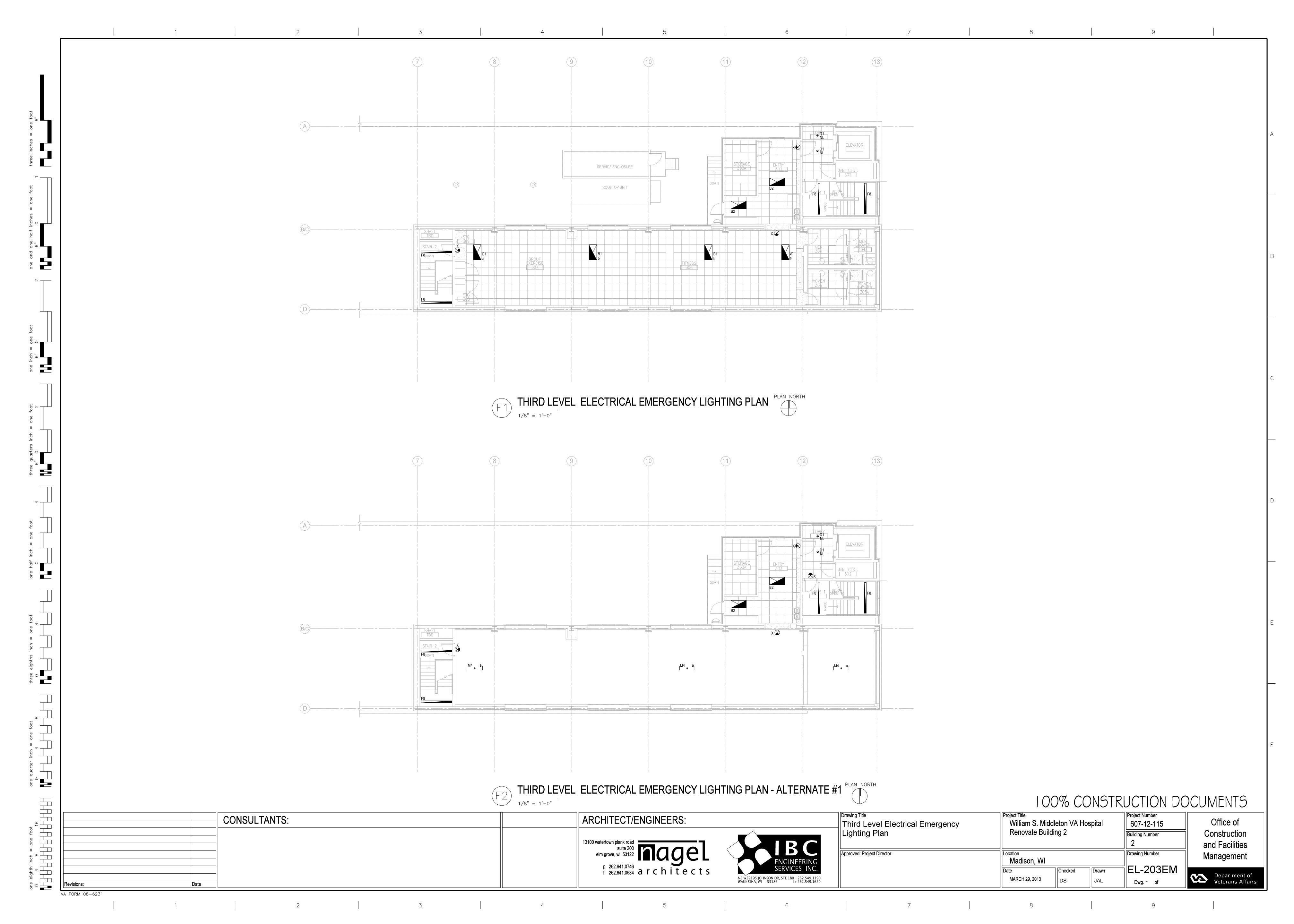


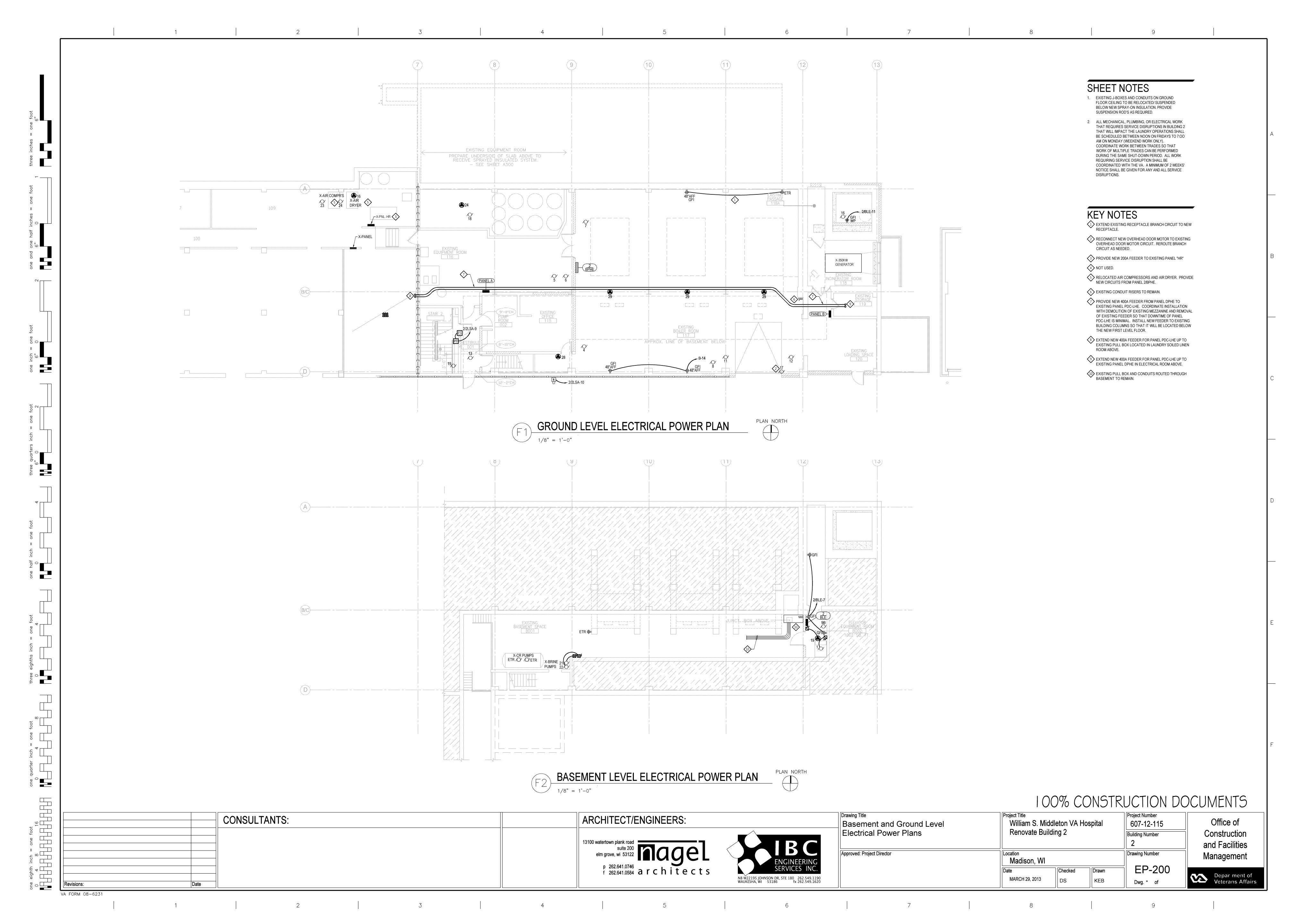


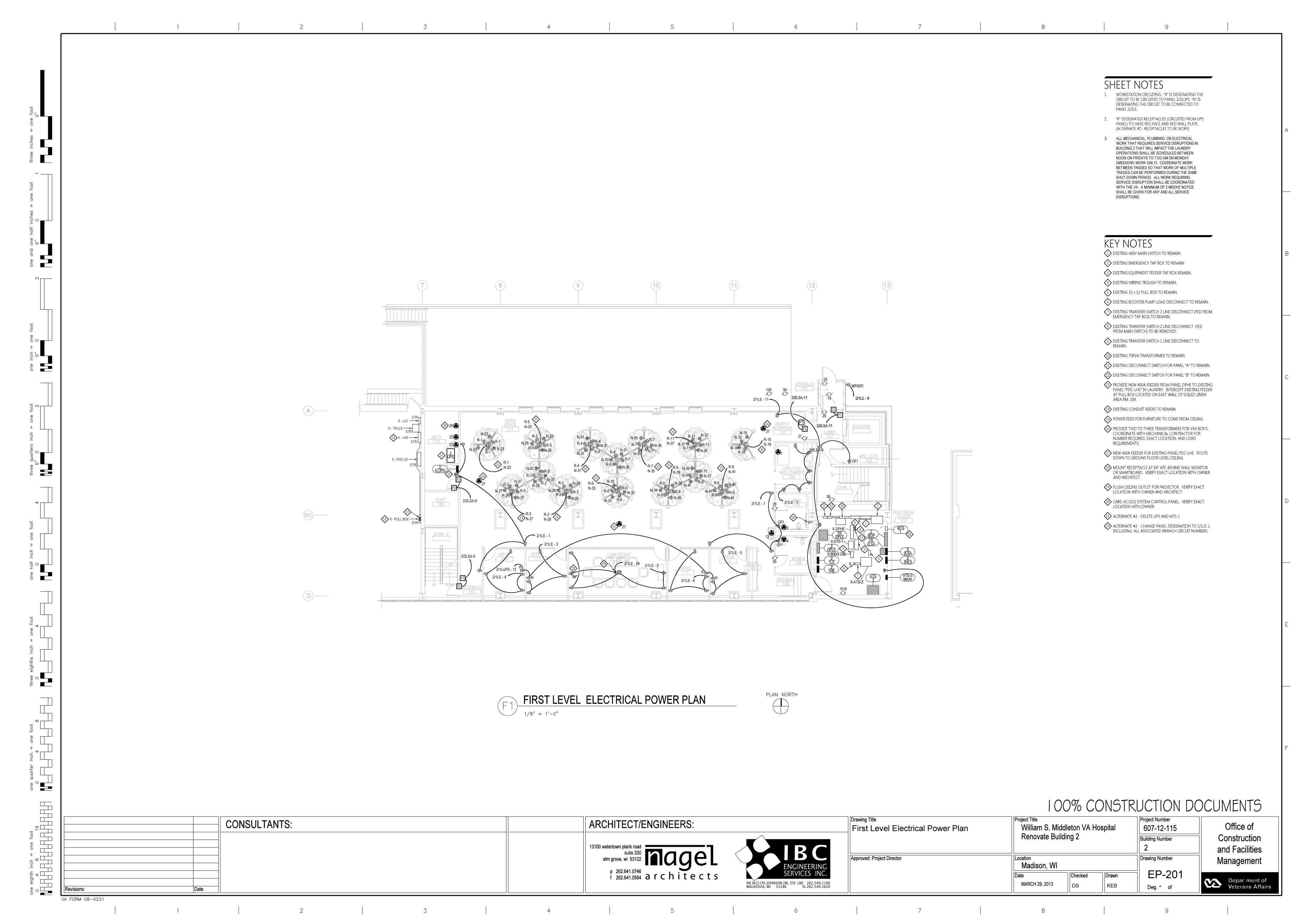


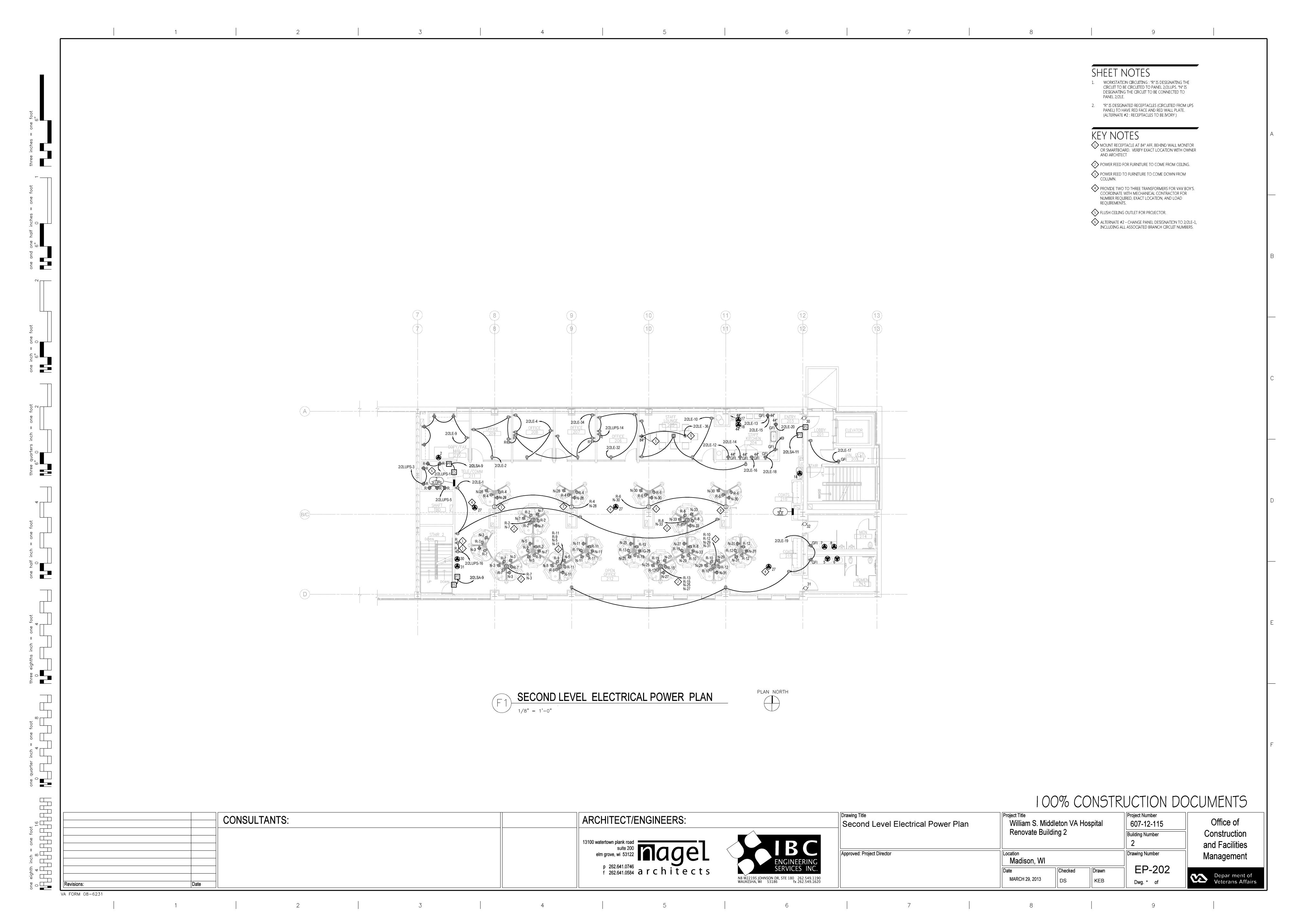




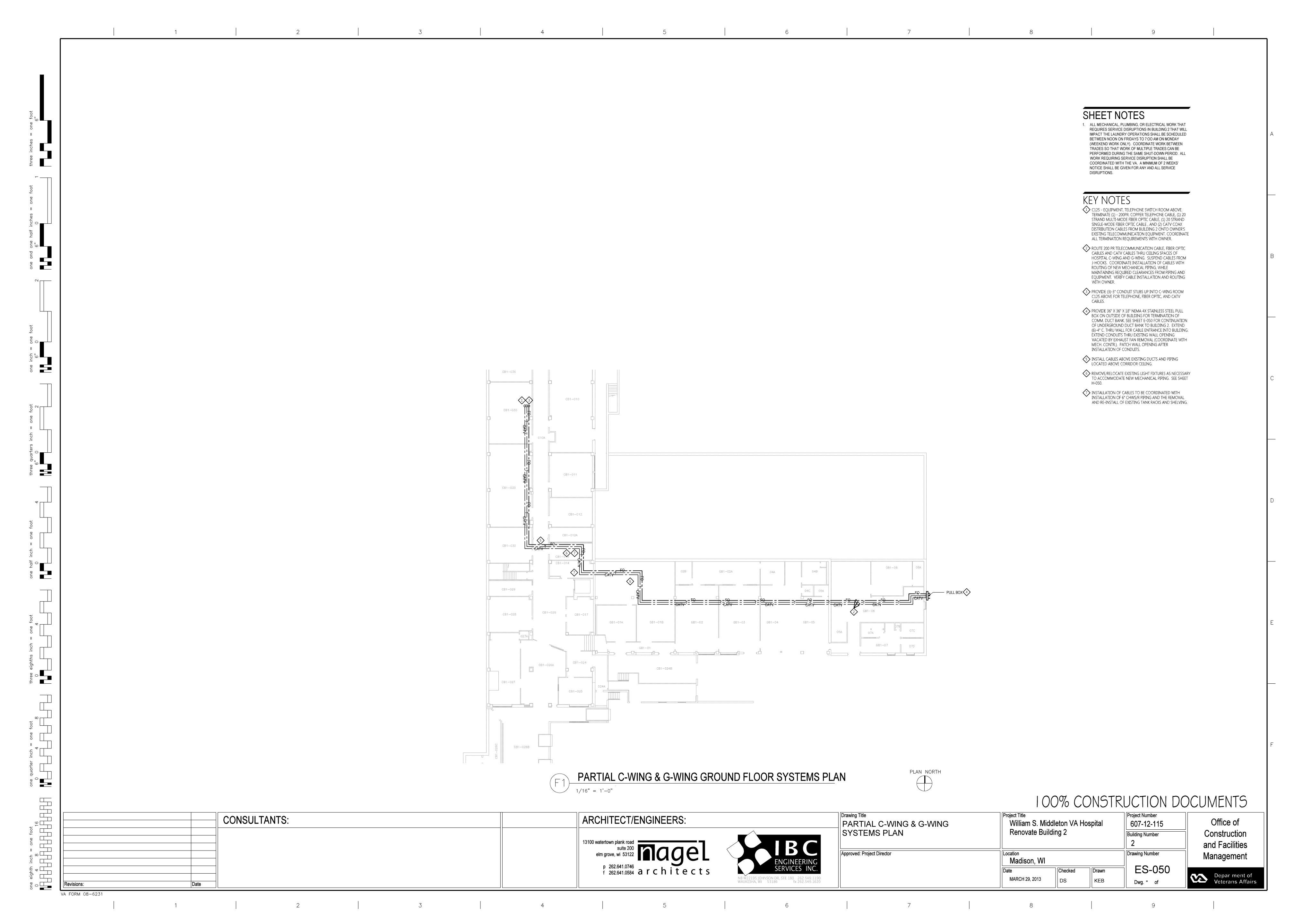


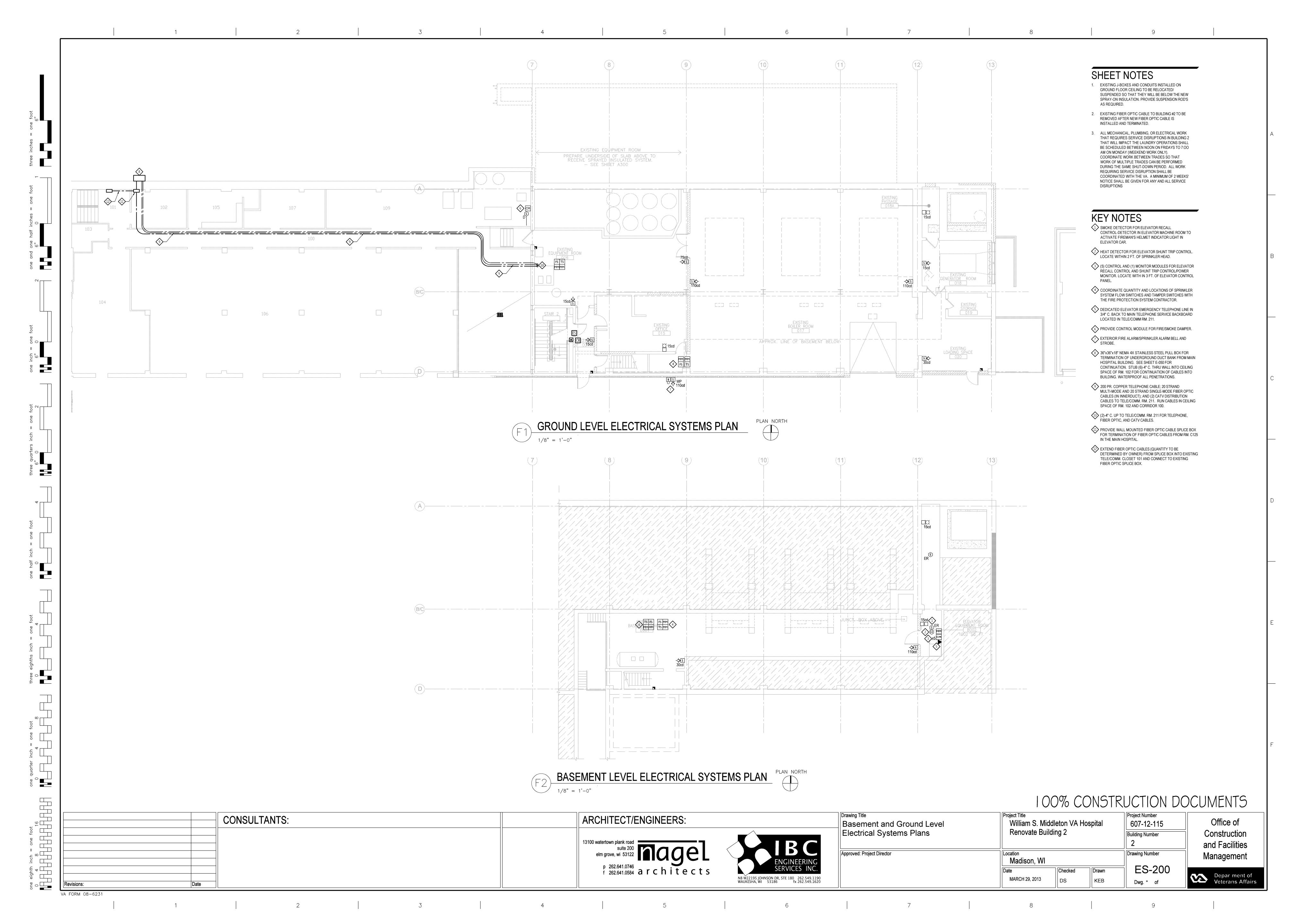


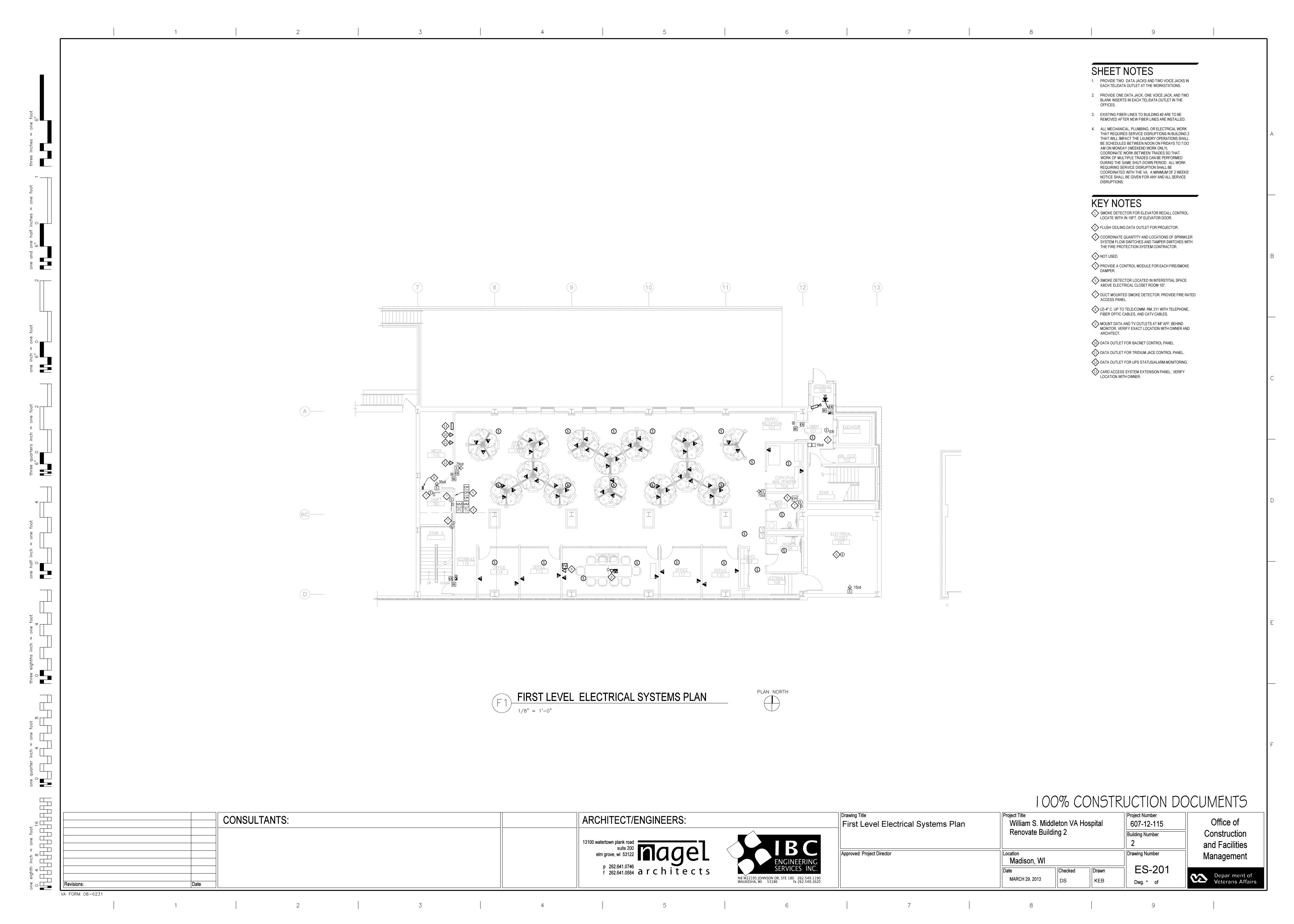


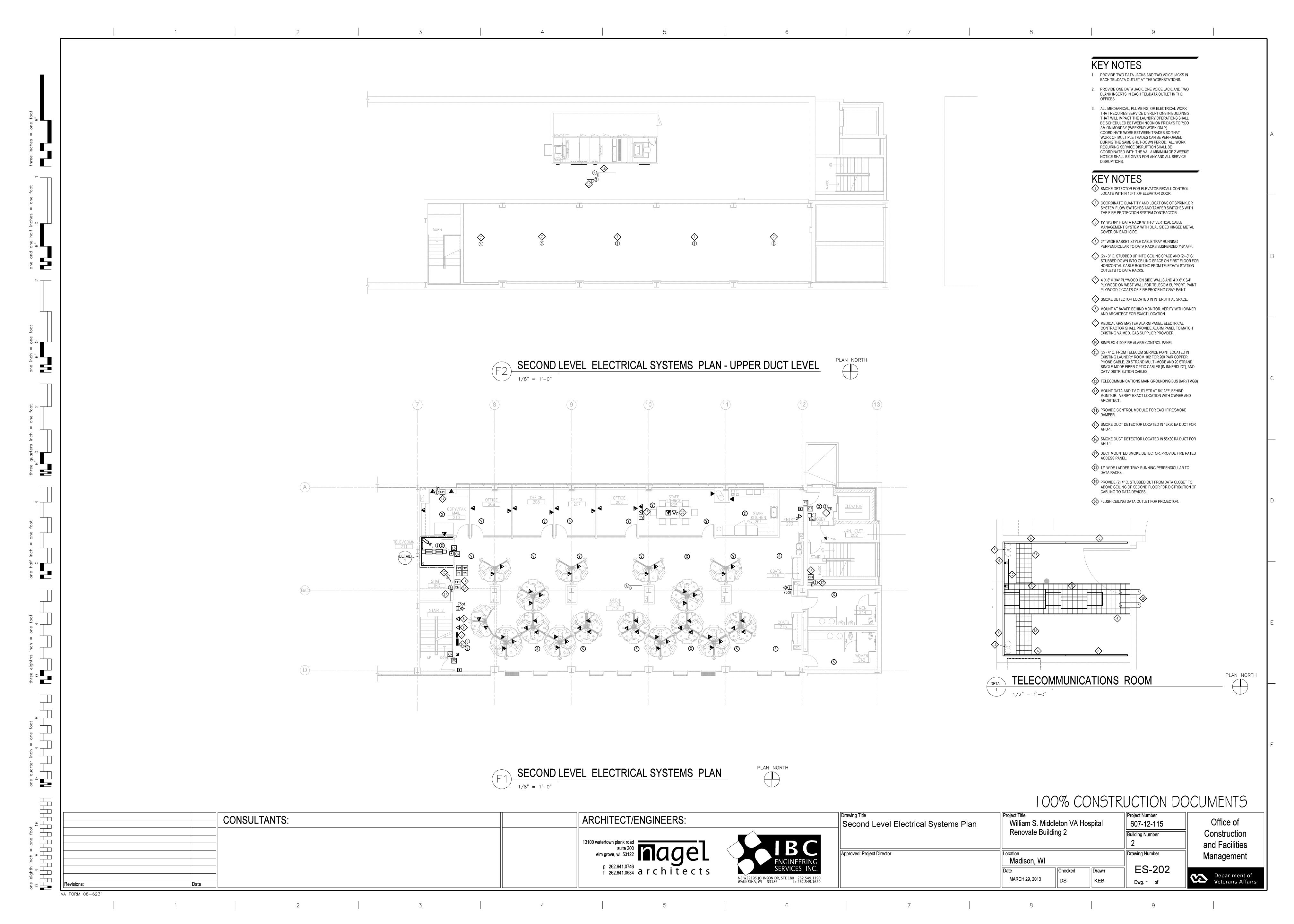


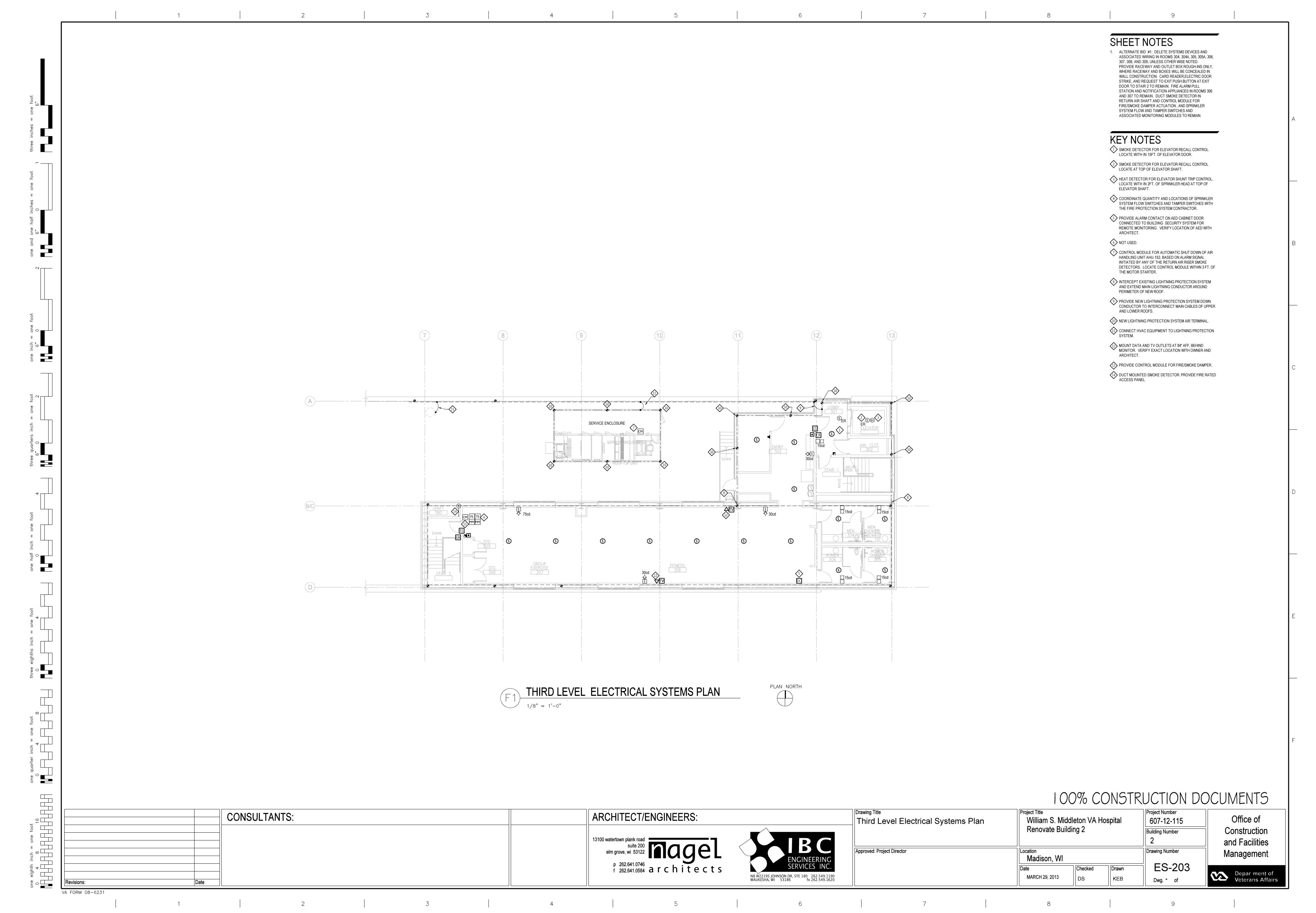
SHEET NOTES ALTERNATE BID #1: DELETE ELECTRICAL DEVICES AND BRANCH CIRCUIT WIRING IN ROOMS 304, 304A, 305, 305A, 306, 307, 308, AND 309. PROVIDE RACEWAY AND OUTLET BOX ROUGH-INS ONLY, WHERE RACEWAY AND BOXES WILL BE CONCEALED IN WALL CONSTRUCTION. POWER TO ELECTRIC DOOR STRIKE AT EXIT DOOR TO STAIR 2 TO REMAIN. MOUNT RECEPTACLE AT 84" AFF, BEHIND MONITOR. VERIFY EXACT LOCATION WITH OWNER AND ARCHITECT. PROVIDE TWO TO THREE TRANSFORMERS FOR VAV BOX'S. COORDINATE WITH MECHANICAL CONTRACTOR FOR NUMBER REQUIRED, EXACT LOCATION, AND LOAD REQUIREMENTS. 2/3LE - 9 2/3LE - 11 2/3LE - 13 PLAN NORTH THIRD LEVEL ELECTRICAL POWER PLAN one qua 100% CONSTRUCTION DOCUMENTS Project Title
William S. Middleton VA Hospital
Renovate Building 2 Drawing Title
Third Level Electrical Power Plan Project Number 607-12-115 CONSULTANTS: ARCHITECT/ENGINEERS: Office of Construction Building Number and Facilities Approved: Project Director Drawing Number Location Madison, WI Management p 262.641.0746 f 262.641.0584 architects EP-203 Checked Depar ment of Veterans Affairs MARCH 29, 2013 Dwg. \* of 2 3 4

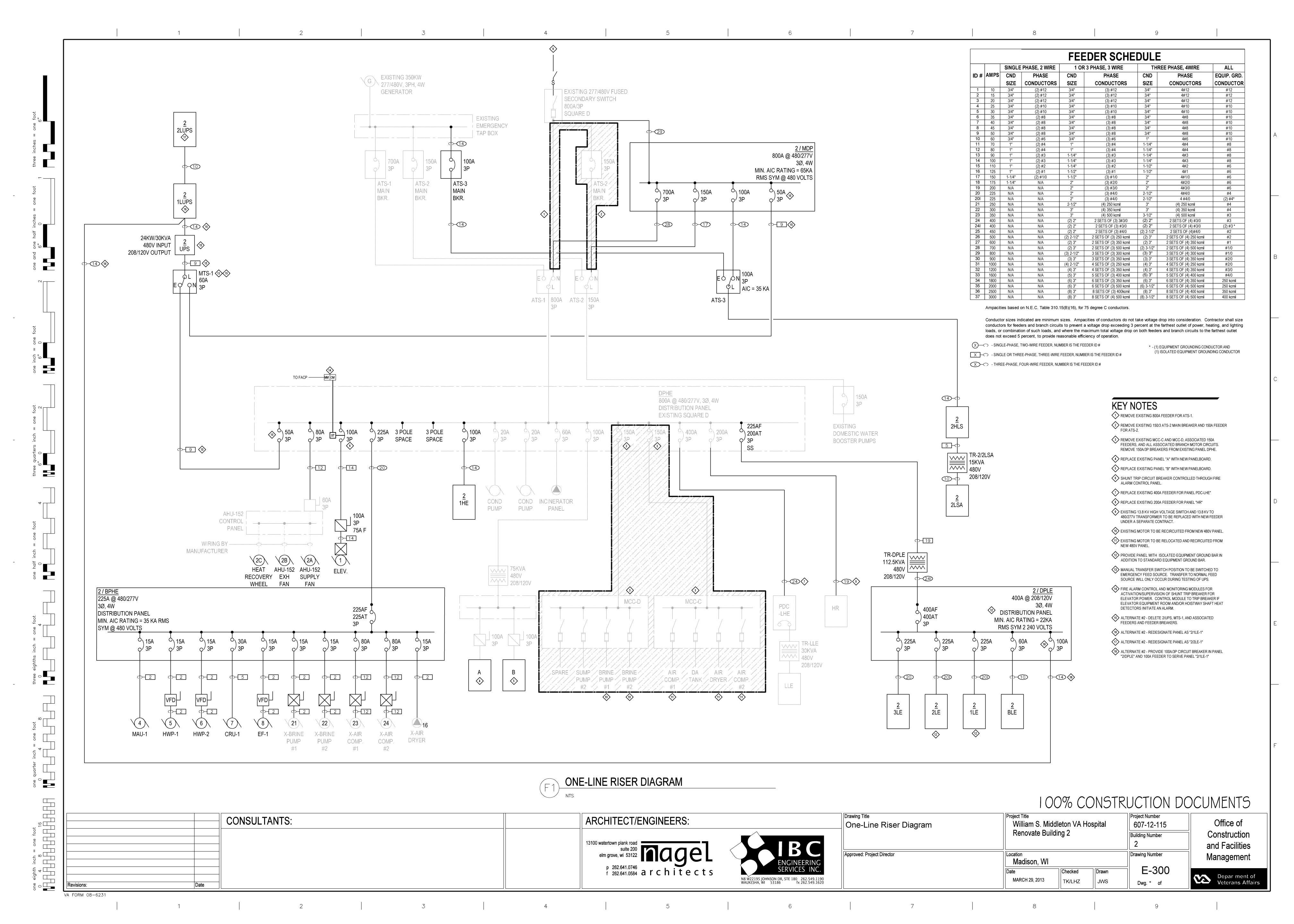


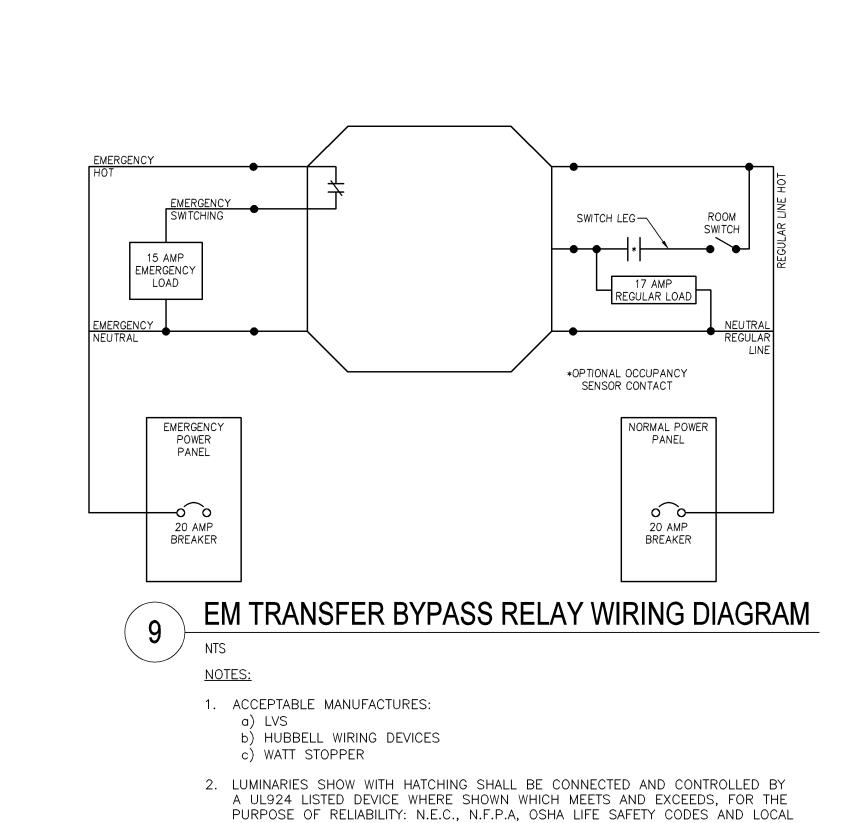












3. DEVICE SHALL BE EQUIPPED WITH AN AUTOMATIC DIAGNOSTIC FEATURE WHICH IS

TURN THE EMERGENCY LUMINARIES ON FOR AT LEAST 2 SECONDS BUT NO

AVAILABLE AND THAT THE DEVICE, BALLAST, AND LAMP ARE ALL FUNCTIONING

4. DEVICE SHALL BE MANUFACTURED CONTROL EQUIPMENT WITH AN INTEGRAL

5. DEVICE SELECTED SHALL BE APPROPRIATE FOR THE LIGHTING LOAD IT IS

LIGHT LEVELS SUCH THAT A MINIMUM OF 1 FOOT CANDLE IS MET.

9. ROOM SWITCH SHALL CONTROL NORMAL AND EMERGENCY DESIGNATED

TO FULL LIGHT OUTPUT INDEPENDENT OF ROOM SWITCH STATUS.

POWER (GREEN LED).

one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

7. DEVICE SHALL CARY A 5 YEAR WARRANTY.

INSTALLATION AND IS FOR REFERENCE ONLY.

CORRECTLY. AT ALL OTHER TIMES THE ROOM SWITCH OPERATES NORMALLY BY TURNING BOTH NORMAL POWER AND EMERGENCY POWER LUMINARIES ON AT THE

MANUAL TEXT SWITCH, HIGH VOLTAGE SURGE PROTECTION AND LED INDICATORS

WHICH DENOTE THE PRESENCE OF EMERGENCY POWER (RED LED) AND UTILITY

CONTROLLING INCLUDING, BUT NOT LIMITED TO SWITCHED OR DIMMED LOADS AS

WELL AS THE NUMBER OF FIXTURES OR BALLAST IT IS CONTROLLING. DEVICES

DESIGNED FOR DIMMABLE LOADS MUST, DURING LOSS OF POWER, BRING UP

6. DEVICE SHALL BE LOCATED IN THE AREA OF THE LIGHTING IT IS CONTROLLING.

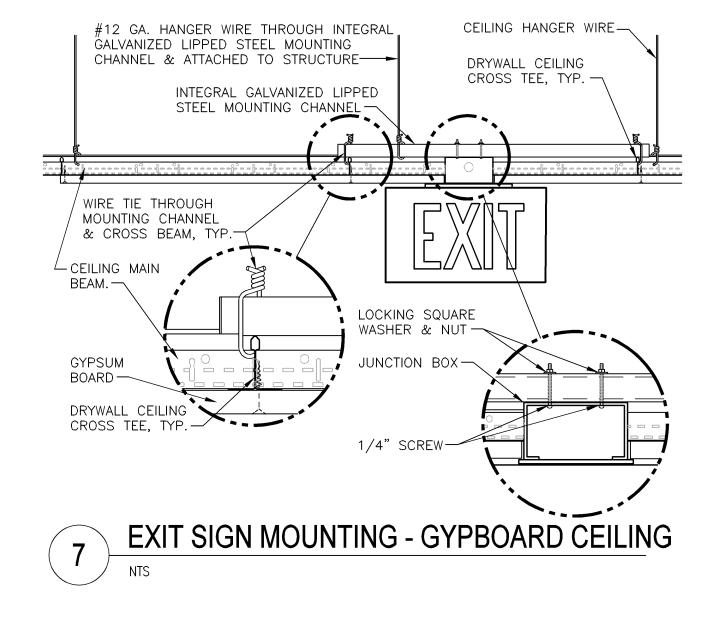
INSTALLATION OF ANY SUCH DEVICE. THIS DIAGRAM REPRESENTS A TYPICAL

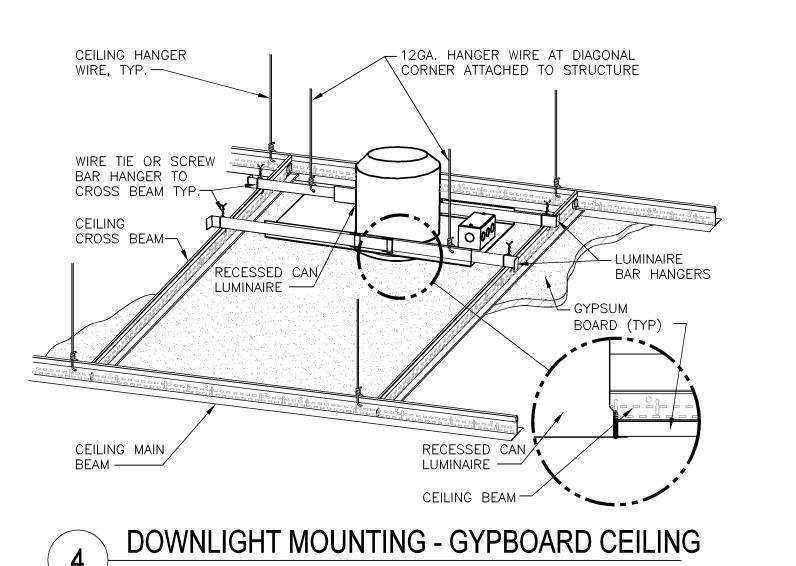
LUMINAIRES DURING NORMAL POWER CONDITIONS. IN THE EVENT OF THE LOSS OF NORMAL POWER THE EMERGENCY DESIGNATED LUMINAIRES SHALL ILLUMINATE

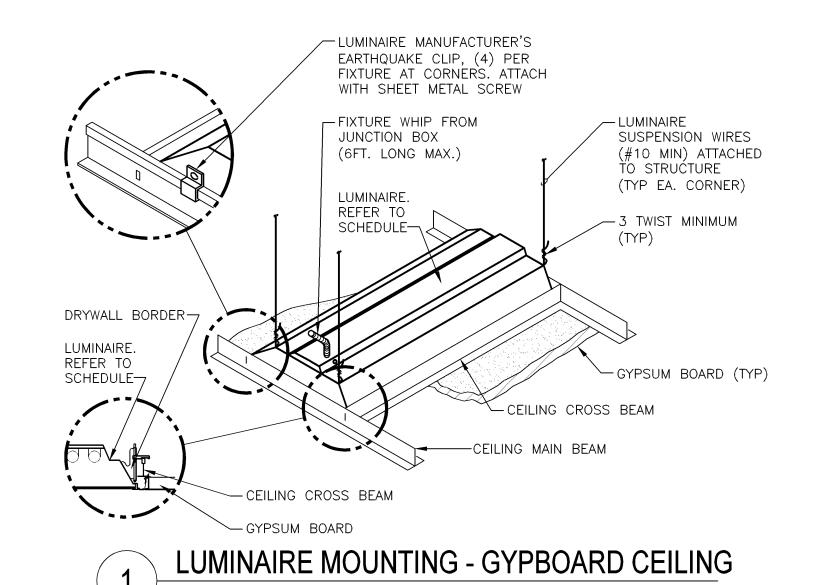
8. VERIFICATION OF MANUFACTURER'S SPECIFICATIONS IS REQUIRED PRIOR TO

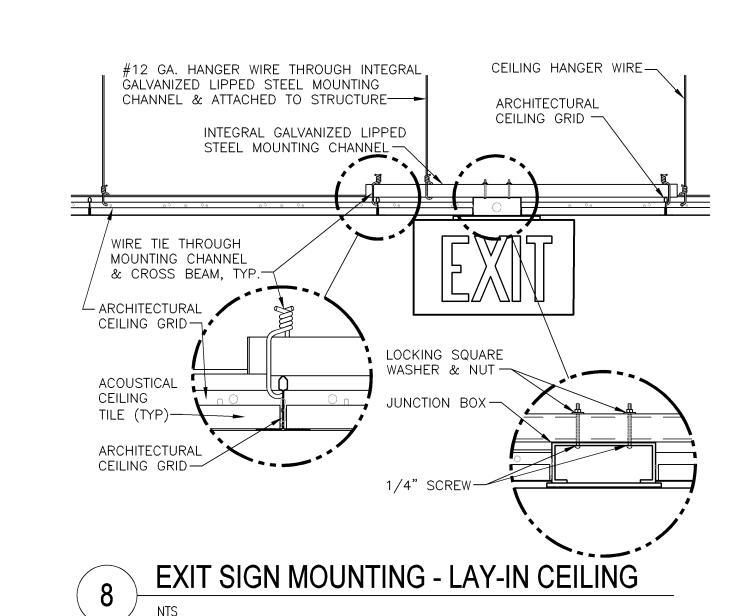
INITIATED WHEN THE ROOM SWITCH IS TURNED OFF. THIS TEST PROCEDURE WILL

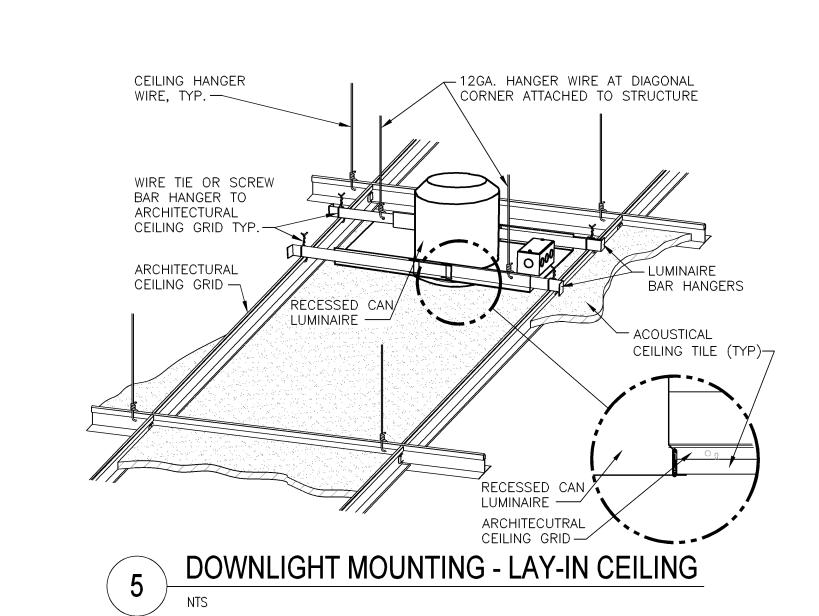
LONGER THAN 5 SECONDS, INDICATING THAT AN EMERGENCY POWER SOURCE IS

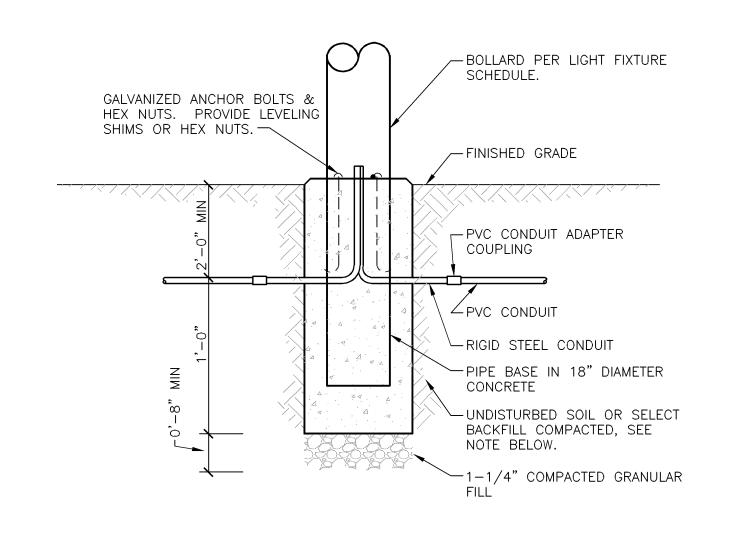


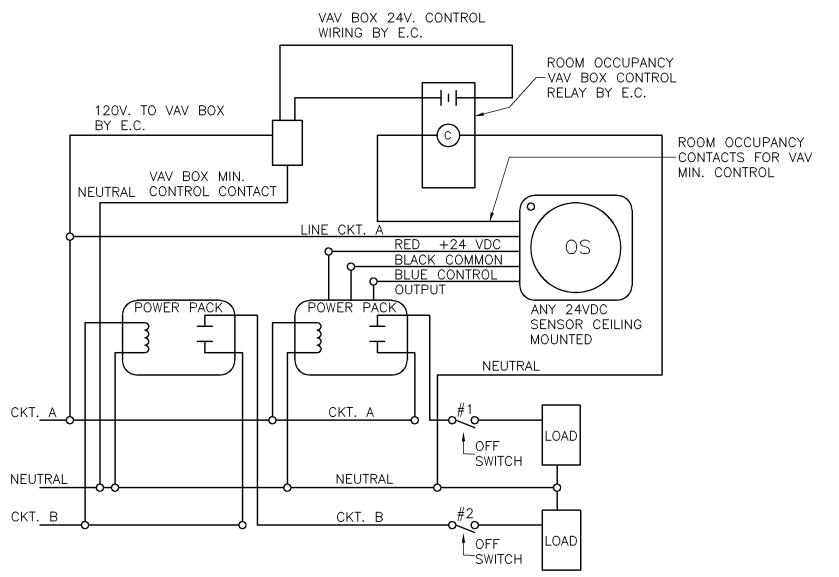




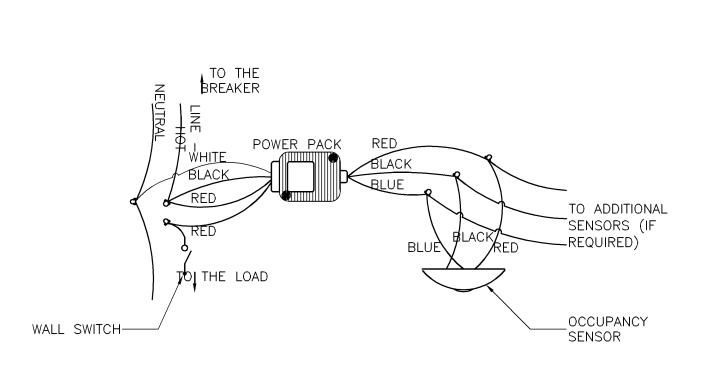






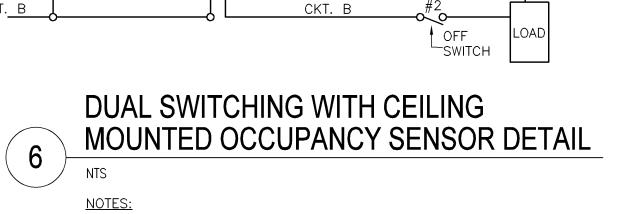


**BOLLARD BASE DETAIL** 



OCCUPANCY SENSOR WIRING DETAIL

1. WHEN THE OCCUPANCY SENSOR SENSES OCCUPANCY, LIGHT



LOADS/SWITCH LEGS IN ROOM SHALL TURN "OFF".

1. WHEN THE OCCUPANCY SENSOR SENSES OCCUPANCY, ALL LOADS/SWITCH LEGS IN ROOM SHALL TURN "ON". 2. WHEN THE OCCUPANCY SENSOR DOES NOT SENSE OCCUPANCY IN THE ROOM WITHIN THE PROGRAMMED AMOUNT OF TIME, ALL

2. WHEN THE OCCUPANCY SENSOR DOES NOT SENSE OCCUPANCY IN THE ROOM WITHIN THE PROGRAMMED AMOUNT OF TIME, LIGHT FIXTURE SHALL TURN "OFF". 3. WHERE HVAC CONTROLS ARE NECESSARY, OCCUPANCY SENSOR SHALL ALSO CONTROL HVAC IN ROOM.

100% CONSTRUCTION DOCUMENTS

CONSULTANTS: ARCHITECT/ENGINEERS: p 262.641.0746

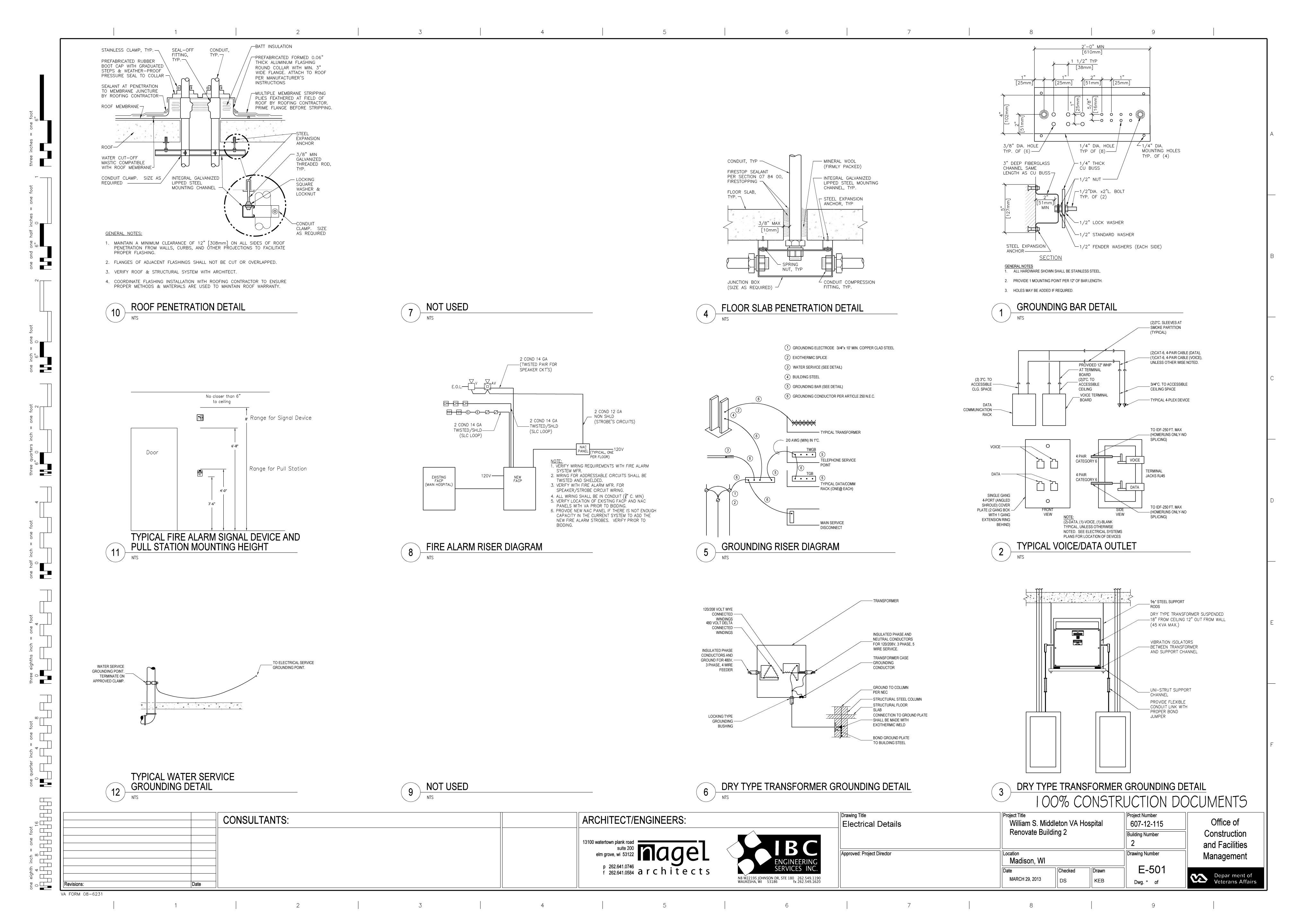
3

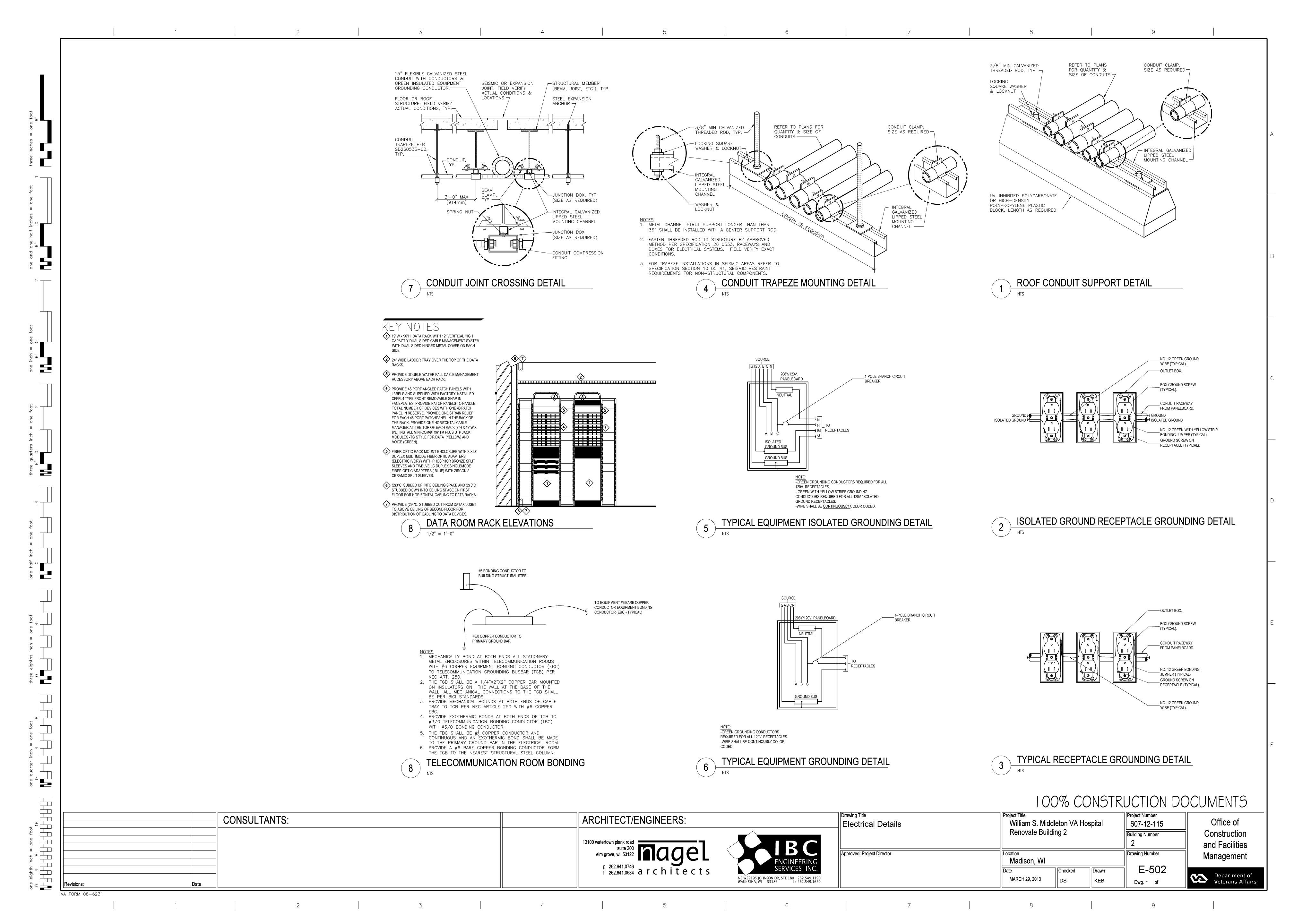
N8 W22195 JOHNSON DR, STE 180 262.549.1190 WAUKESHA, WI 53186 fx 262.549.1620

Project Title Drawing Title William S. Middleton VA Hospital Electrical Lighting Details 607-12-115 Renovate Building 2 **Building Number** Approved: Project Director Drawing Number Madison, WI E-500 Checked MARCH 29, 2013 Dwg. \* of

Office of Construction and Facilities Management Depar ment of Veterans Affairs

f 262.641.0584 architects





					LIGHTING	G FIXTU	RE SCHEDULE			
		LAMPING	_							
FIXT.	DESCRIPTION	TYPE	INPUT	VOLT	MOUNT	CEILING	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	SEE NOTE
A12	12' LINEAR DIRECT/INDIRECT LED PENDANT FIXTURE W/ DIMMING	LED 4731 LUMEN, 3500K/4FT	150W	UNIVERSAL	PENDANT	LAY-IN	CORELITE	J2-W-M-3L-35-1-D-UNV-A-C-24"-XX-12-DL4-DC	20 UP/ 80 DOWN	1,6,8
A16	16' LINEAR DIRECT/INDIRECT LED PENDANT FIXTURE	LED 4731 LUMEN, 3500K/4FT	200W	UNIVERSAL	PENDANT	LAY-IN	CORELITE	J2-W-M-3L-35-1-D-UNV-A-C-24"-XX-16-DL8-DC	40 UP/ 60 DN	1,6,8
B1	2X4 VOLUMETRIC TROFFER W/ DIMMING	LED 4355 LUMENS, 3500K	49W	UNIVERSAL	SURFACE	-	LITHONIA	RTLX4-43L-D49-LP835-NX		1
B2	2X4 VOLUMETRIC TROFFER	LED 4355 LUMENS, 3500K	49W	UNIVERSAL	SURFACE	-	LITHONIA	RTLX4-43L-D49-LP835	1-LEVEL SWITCHED CONTROL	1
C1	RECESSED PERIMETER FIXTURE	LED 1207 LUMENS, 3500K / 4 FT	23W / 4 FT	277V	RECESSED	LAY-IN	FOCAL POINT	FTRL-AC-LL1-L35-1C-277-G-SS-WH-XX		5
D1	4" LED DOWNLIGHT	LED 800 LUMENS, 3500K	13W	UNIVERSAL	RECESSED	VARIES	PATHWAY	4VLED80035K/4VLEDSCLPF		1
D2	6" LED DOWNLIGHT	LED 1300 LUMENS, 3500K	21W	UNIVERSAL	RECESSED	VARIES	PATHWAY	6VLED130035K/6VLEDSCLPF		1
D3	6" LED SHOWERLIIGHT	LED 1300 LUMENS, 3500K	21W	UNIVERSAL	RECESSED	VARIES	PATHWAY	4VLEDWL130035K/4VLEDWLSCLPF		
D4	4" LED WALLWASH	LED 1300 LUMENS, 3500K	21W	UNIVERSAL	RECESSED	VARIES	PATHWAY	4VLEDWW120035K/4VLEDWWSCLPF		1
EBU	EMERGENCY BATTERY UNIT	LED W/ UNIT	1W	UNIVERSAL	WALL	-	ISOLITE	ELL-6-18-2-SM-SD-NC18W-USA		
EX1	42" EXTERIOR LED BOLLARD	LED 1924 LUMENS, 4000K	26W	UNIVERSAL	GROUND	-	US ARCHITECTURAL	TNA-24LED120-XX		8
EX2	EXTERIOR WALL MOUNT	LED 1626 LUMENS, 4000K	26W	UNIVERSAL	WALL	-	INVUE	ENC-B01-LED-BL4-XX-PC	INTEGRAL PHOTOCELL	8
F8	8' SURFACE MOUNTED SLOT	LED 800 LUMENS, 3500K / 1 FT	10.6W / 1 FT	UNIVERSAL	SURFACE	EXPOSED	AXIS	BBSLED-B1-800-35-SO-8-M11LED0-XX-UNV-1-S		8
G1	4' VAPORTIGHT STRIP	LED 2953 LUMENS, 3500K	36W	UNIVERSAL	SURFACE	EXPOSED	METALUX	VT-LD2-30DR-UNV-L835-WL		
J1	2' LED UNDERCABINET LIGHT	LED 640 LUMEN, 3000K	14W	120V	SURFACE	CABINET	LUMAX	UCL-24-14-640-CP5-W		7
K1	OVER MIRROR FIXTURE	LED 514 LUMENS, 3500K	10W	120V	WALL		BIRCHWOOD LIGHTING	HAI225RSM-HF2N-H-35-2-XX-FW-120-EB		8
M4	4' SURFACE MOUNTED STRIP	LED 2300 LUMENS, 3500K	32W	UNIVERSAL	CHAIN HUNG	EXPOSED	LITHONIA	ZL2-L48-2300L-LP835-HC26		
M5	4' SURFACE MOUNTED STRIP W/ DIMMING	LED 2300 LUMENS, 3500K	32W	UNIVERSAL	CHAIN HUNG	EXPOSED	LITHONIA	ZL2-L48-2300L-LP835-HC26		
N4	4' SURFACE MOUNTED DIRECT FIXTURE W/ DIMMING	LED 3623 LUMENS, 3500K	24W	UNIVERSAL	SURFACE	-	LITHONIA	RTLX4-24L-D24-LP835-NX		1,8
P4	4' WALL MOUNTED DIRECT/INDIRECT FIXTURE W/ DIMMING	LED 3858 LUMEN, 3500K/4FT	39W	UNIVERSAL	WALL	-	CORELITE	J2W-W-M-2L-35-1-D-UNV-SU-WA-C-4-DC-XX		1,8
P8	8' WALL MOUNTED DIRECT/INDIRECT FIXTURE W/ DIMMING	LED 3858 LUMEN, 3500K/4FT	78W	UNIVERSAL	WALL	-	CORELITE	J2W-W-M-2L-35-1-D-UNV-SU-WA-C-8-DC-XX		1,8
X1	SINGLE FACED, CEILING MOUNTED EXIT SIGN	LED W/ UNIT	1W	UNIVERSAL	SURFACE	VARIES	ISOLITE	LPDC-AC-R-S-AB-UN		2,3,4
X2	DOUBLE FACED, CEILING MOUNTED EXIT SIGN	LED W/ UNIT	1W	UNIVERSAL	SURFACE	VARIES	ISOLITE	LPDC-AC-R-S-AB-UN		2,3,4
Х3	SINGLE FACED, WALL MOUNTED EXIT SIGN	LED W/ UNIT	1W	UNIVERSAL	SURFACE	VARIES	ISOLITE	LPDC-AC-R-S-AB-UN		2,3,4

#### <u>LIGHTING FIXTURE SCHEDULE GENERAL NOTES:</u>

- A. CONTRACTOR SHALL CONFIRM CEILING TYPE REQUIREMENTS PRIOR TO THE RELEASE OF THE ORDER.
- B. CATALOG NUMBERS ARE TO PROVIDE GUIDANCE ONLY AND MAY NOT BE COMPLETE.
- C. FIXTURES SPECIFIED TO MEET DESIGN INTENT. EQUALS MAY BE SUBSTITUTED SUBJECT TO DESIGN TEAM'S APPROVAL. D. PROVIDE ALL EQUIPMENT AND ACCESSORIES NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
- E. FIXTURES EQUALS MUST MEET BUY AMERICAN / ARRA STANDARDS AS REQUIRED BY THE GC TO MEET THE OVERALL BUILDING COMPLIANCE WITH BUY AMERICAN ACT TITLE 49 USC SECTION 50101.

#### LIGHTING FIXTURE SCHEDULE KEY NOTES:

- 1. VERIFY DIMMER COMPATIBILITY WITH DIMMING DRIVER.
- 2. FIELD SELECTABLE CHEVRONS SHALL BE APPLIED OR INSTALLED/REMOVED AS INDICATED ON PLANS AND AS REQUIRED BY ALL GOVERNING CODES.
- 3. PROVIDE NUMBER OF FACES AS INDICATED ON PLANS AND AS REQUIRED BY ALL GOVERNING CODES.
- 4. ALL EXIT SIGNS MUST MEET ALL CITY, STATE, VA STANDARDS AND NATIONAL CODES INCLUDING BUT NOT LIMITED TO IBC 1011 AND ANSI-A117.1 SEC 703.
- 5. EC SHALL PROVIDE FIXTURES IN CONFIGURATIONS AND LENGTH AS SHOWN ON DRAWINGS. PROVIDE FIXTURE WITH SLIDING SLEEVES AT END OF RUNS WHERE REQUIRED TO ACCOMMODATE LENGTHS. JOB SPECIFIC LAYOUT DRAWINGS SHALL BE SUBMITTED WITH SHOP DRAWINGS FOR APPROVAL.
- FIXTURE MUST BE INSTALLED PRIOR TO CEILING INSTALLATION.
- 6. MOUNT FIXTURES 18" BELOW CEILING. VERIFY MOUNTING ACCESSORIES PER CEILING TYPE AND SIZE OF T PRIOR TO ORDERING. PROVIDE ALL NECESSARY COMPONENETS, JUMPERS, HARDWIRED MODULES AND ACCESSORIES FOR A HARDWIRED, COMPLETE AND FUNCTIONAL INSTALLATION.
- 8. ARCHITECT SHALL SELECT FINISH FROM MANUFACTURER'S STANDARD OR PREMIUM SELECTION.

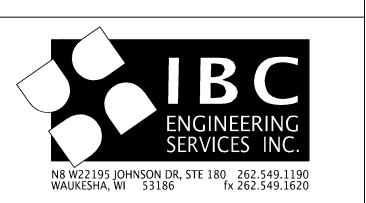
## 100% CONSTRUCTION DOCUMENTS

CONSULTANTS: ARCHITECT/ENGINEERS: p 262.641.0746 f 262.641.0584 architects

one eighth inch = one foot

0 4 8 16

VA FORM 08-6231



Drawing Title
Electrical Schedules Project Title
William S. Middleton VA Hospital Project Number 607-12-115 Renovate Building 2 Building Number Approved: Project Director Drawing Number Madison, WI E-600 MARCH 29, 2013 Dwg. \* of

Office of Construction and Facilities Management

Depar ment of Veterans Affairs

SPECIAL PURPOSE OUTLET SCHEDULE LOCATION KW HP FLA VOLT PH FEED FROM BREAKER | PANEL | CKT | SIZE | POLE | RECPT | DIRECT | OTHER | NOTE COPIER FAUCET SENSOR XFMR. FAUCET SENSOR XFMR. FAUCET SENSOR XFMR. FAUCET SENSOR XFMR. 213 0.040 X 2 7 FAUCET SENSOR XFMR. 214 0.040 X 2 FAUCET SENSOR XFMR. 214 9 FAUCET SENSOR XFMR. 10 FAUCET SENSOR XFMR. 0.040 11 FAUCET SENSOR XFMR. 305 X 2 12 FAUCET SENSOR XFMR. X 2 13 ELEC. WATER COOLER EWC-1 117 14 ELEC. WATER COOLER EWC-1 15 ELEC. WATER COOLER EWC-1 1.5 4.6 MCA 480 3 2/BPHE X-AIR DRYER COFFEE MAKER COFFEE MAKER 19 ELEV. CAR LIGHTS,FAN,RECEPT. AHU-152 SERVICE ENCL. LT'S AHU-152 SERVICE ENCL. HTR. ROOF BACNET CONTROL PANEL 23 TRIDIUM JACE CONTROL PANEL WATER HEATER WH-1 116 25 FLR. CLEANING EQUIP. CHG'R 26 CARD ACCESS CONTROL PANEL 27 VAV BOX XFMR. 28 MAU-1 CONTROL PANEL 117 X | 29 AIR QUALITY SENSOR 117 0.3 -Χ | 30 MEDICAL GAS ALARM PANEL 212 0.015 31 FIRE ALARM CONTROL PANEL 212 1.5 12.5 120 1 2/2LUPS 19 20 1 ABBREVIATION: 2SP = 2 SPEED MAGNETIC CONTROLLER FD = FUSIBLE DISCONNECT OCPD = OVERCURRENT PROTECTIVE DEVICE BOL = BUILT-IN OVERLOAD FSEC = FOOD SERVICE EQUIP. CONTRACTOR OU = ON UNIT CB = AMPERE RATED CIRCUIT BREAKER IU = IN UNIT RVS = REDUCE VOLTAGE CONTROLLER CS = COMBINATION CONTROLLER LMRS = LOCKABLE MOTOR RATED SWITCH S = AMPERE RATED SWITCH CR = CRITICAL CARE BRANCH LS = LIFE SAFETY BRANCH SA = SEE ARCHITECTURAL DETAILS EC = ELECTRICAL CONTRACTOR MAG = MAGNETIC CONTROLLER SD = SEE ONELINE DIAGRAM SFP = SEE FLOOR PLAN EM = EMERGENCY SYSTEM MAN = MANUAL CONTROLLER EQ = EQUIPMENT SYSTEM MFR = MANUFACTURER VFD = VARIABLE FREQUENCY DRIVE ES = ESSENTIAL SYSTEM N = NORMAL BRANCH XFMR = TRANSFORMER F = AMPERE RATED FUSES WP = WEATHER PROOF NU = NEAR UNIT 6 = WEATHERPROOF 11 = SURFACE MOUNTED 1 = SINGLE RECEPTACLE 2 = DUPLEX RECEPTACLE 7 = LOCKABLE 12 = FLUSH MOUNTED 3 = DIRECT CONNECTION 8 = CONCEALED 13 = GFI RECEPTACLE 4 = NON-FUSIBLE DISCONNECT 14 = FED FROM UPSTREAM GFI BREAKER 9 = TOGGLE SWITCH 5 = FUSIBLE DISCONNECT 10 = VERIFY W/MANUFACTURE PRIOR TO INSTALLATION 1. LOCATE GFI RECEPTACLE WITHIN EWC ENCLOSURE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ROUGH-IN LOCATION. 2. COORDINATE WITH PLUMBING CONTRACTOR IF TRANSFORMER IS PLUG-IN OR BOX MOUNT AND PROVIDE APPROPRIATE RECEPTACLE OR JUNCTION BOX BELOW SINK. 3. MOCP = 10A PROVIDE FUSED DISCONNECT WITH 10A FUSES. MOTOR WIRING SCHEDULE LOC. | HP | FLA | VOLT | PH. | FEED FROM | BREAKER |PANEL|CIRCUIT|SIZE|POLE|TYPE|FURN| INS |WIRED|LOC.|TYPE|FURN| INS |WIRED|LOC 
 4
 MAKE-UP AIR UNIT MAU-1
 117
 3
 4.8
 480
 3
 2/BPHE
 1
 15
 3
 VFD
 MFR
 MFR
 OU
 DS
 MFR
 <t 
 H.C. DOOR OPERATOR
 105
 FRAC.
 5
 120
 1
 2/1LE
 14
 20
 1
 SS
 MFR
 MFR
 IU
 DS
 EC
 EC
 EC
 NU

 H.C. DOOR OPERATOR
 106
 FRAC.
 5
 120
 1
 2/1LE
 16
 20
 1
 SS
 MFR
 MFR
 IU
 DS
 EC
 EC
 EC
 NU
 30 H.C. DOOR OPERATOR 203 FRAC. 5 120 1 2/2LSA 2 20 1 SS MFR MFR MFR IU DS EC EC EC NU 31 H.C. DOOR OPERATOR 213 FRAC. 5 120 1 2/2LE 6 20 1 SS MFR MFR MFR IU DS EC EC EC 32 H.C. DOOR OPERATOR 214 FRAC. 5 120 1 2/2LE 8 20 1 SS MFR MFR MFR IU DS EC EC EC | 32 | H.C. DOOR OPERATOR | 214 | FRAC. | 5 | 120 | 1 | 2/2LE | 8 | 20 | 1 | SS | MFR | MFR | MFR | IU | DS | EC | EC | EC | NU |
33	H.C. DOOR OPERATOR	303	FRAC.	5	120	1	2/2LSA	4	20	1	SS	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU		
34	H.C. DOOR OPERATOR	304	FRAC.	5	120	1	2/3LE	19	20	1	SS	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU		
35	H.C. DOOR OPERATOR	304A	FRAC.	5	120	1	2/3LE	19	20	1	SS	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU		
36	CABINET UNIT HEATER CUH-5	STAIR 1	1/30	-	120	1	2/3LE	12	20	1	-	-	-	-	-	-	DS	MFR	MFR	MFR	IU	
37	CABINET UNIT HEATER CUH-6	STAIR 1	1/30	-	120	1	2/3LE	26	20	1	-	-	-	-	-	DS	MFR	MFR	MFR	IU		
38	H.C. DOOR OPERATOR	305	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU	
39	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU	
39	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU	
39	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	NU	
30	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	EC	NU
30	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC	EC	NU
31	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	IU	DS	EC	EC	EC	EC	EC	NU
32	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	IU	DS	EC	EC	EC	EC	NU	
32	H.C. DOOR OPERATOR	305A	FRAC.	5	120	1	2/3LE	21	20	1	SS	MFR	MFR	MFR	MFR	IU	DS	EC	EC	EC 1. PROVIDE WIRING BETWEEN OUTDOOR UNIT AND INDOOR UNIT. 2. PROVIDE RECEPTACLE FOR CONDENSATE PUMP. 3. PROVIDE OUTLET BOX ROUGH-INS FOR (2) REMOTE PUSH PLATES. LOW VOLTAGE WIRING BETWEEN CONTROLLER AND PUSH PLATES BY DOOR INSTALLER. 100% CONSTRUCTION DOCUMENTS CONSULTANTS: ARCHITECT/ENGINEERS:		

> p 262.641.0746 f 262.641.0584 architects

N8 W22195 JOHNSON DR, STE 180 262.549.1190 WAUKESHA, WI 53186 fx 262.549.1620

VA FORM 08-623

ital

607-12-115

Building Number

2

Office of
Construction
and Facilities

Dwg. \* of

Electrical Schedules

William S. Middleton VA Hospital
Renovate Building 2

Approved: Project Director

Approved: Project Director

Date

William S. Middleton VA Hospital
Renovate Building 2

Building Number
2

Drawing Number
E-601

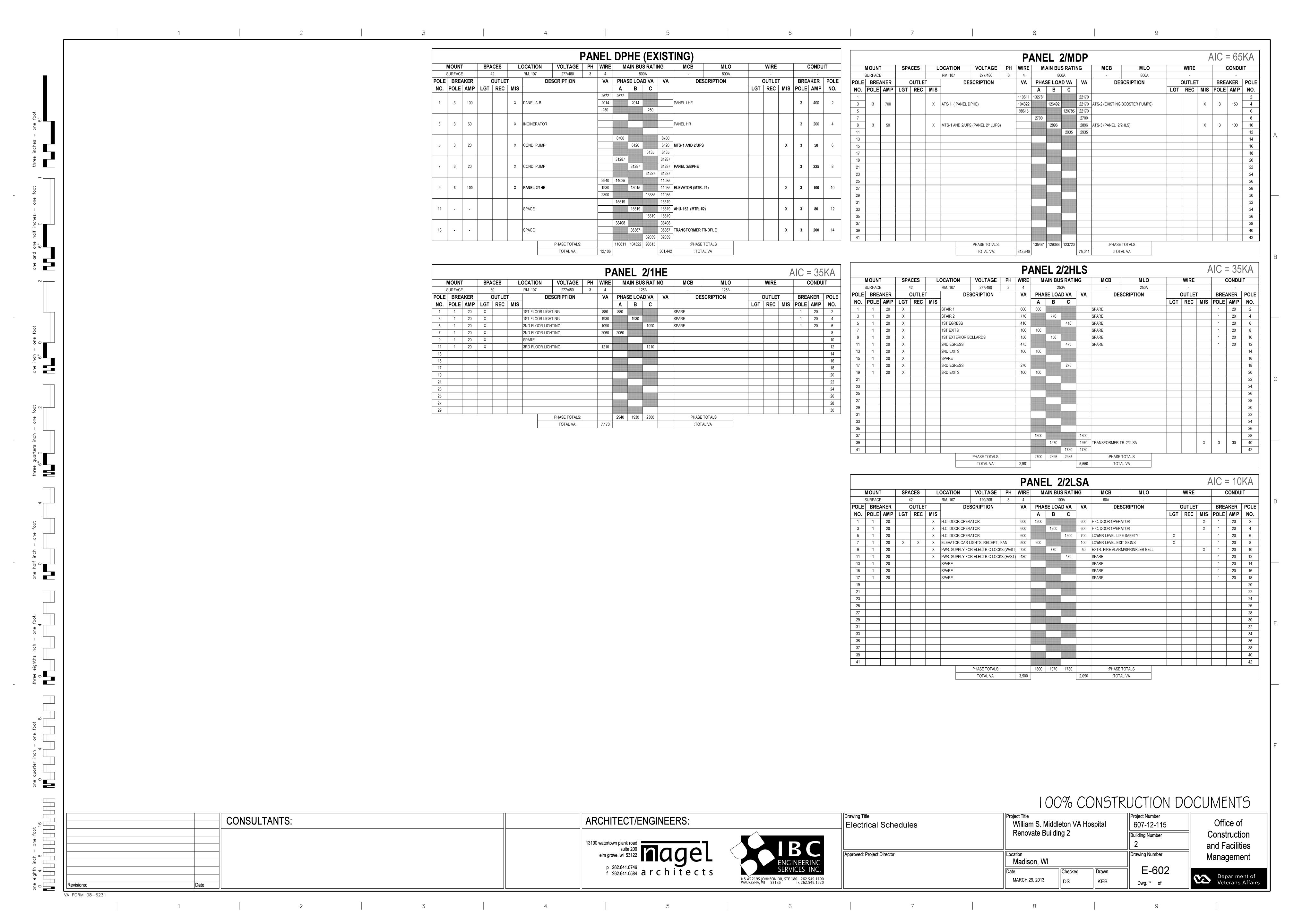
MARCH 29, 2013

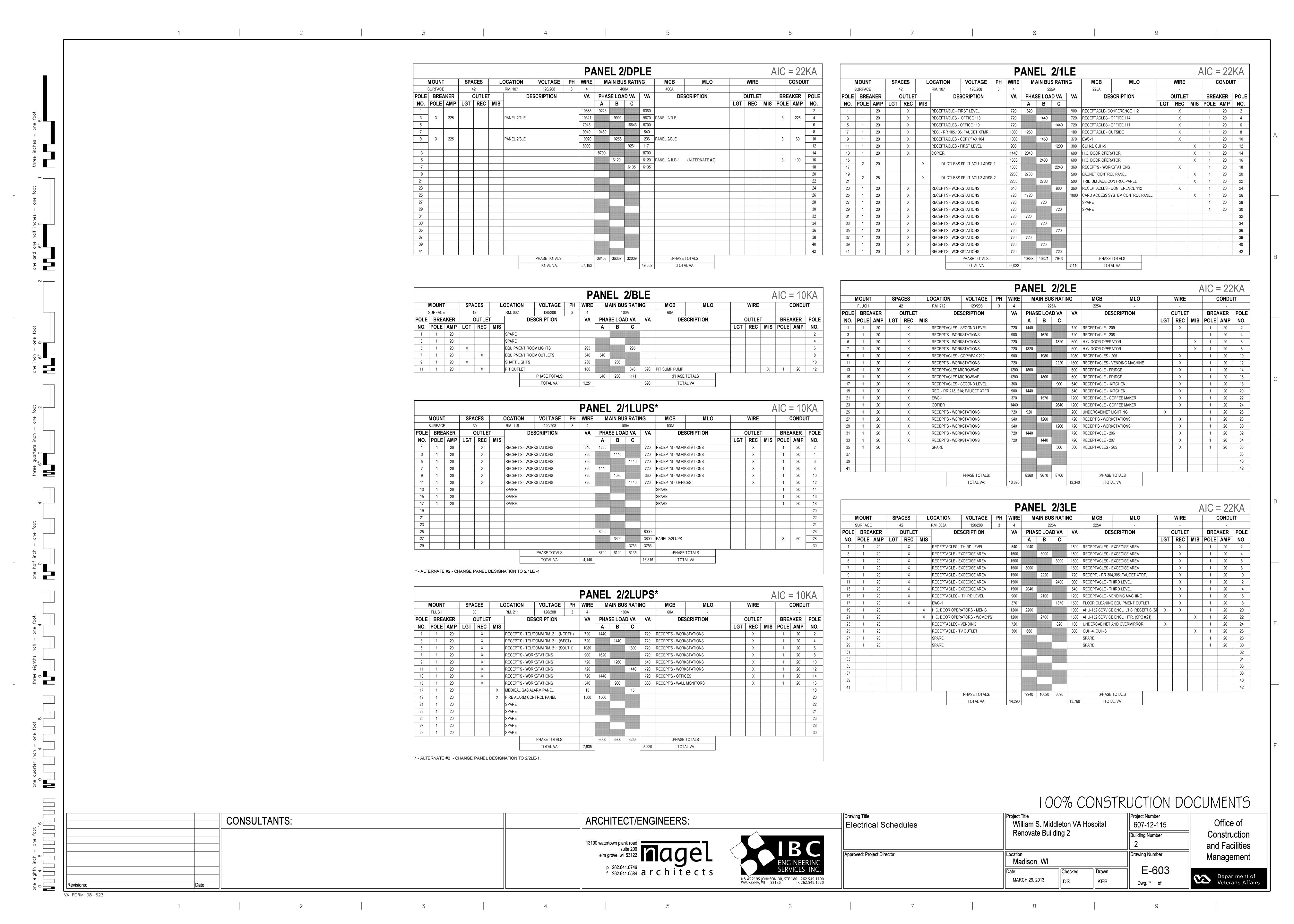
KEB

Management

Depar ment of

Depar ment of Veterans Affairs





PANEL 2/BPHE AIC = 35KAVOLTAGE | PH | WIRE | MAIN BUS RATING CONDUIT SPACES MCB SURFACE 277/480 OUTLET DESCRIPTION VA PHASE LOAD VA VA DESCRIPTION BREAKER POLE POLE BREAKER OUTLET LGT REC MIS POLE AMP NO. NO. POLE AMP LGT REC MIS A B C 1330 1635 305 X-BRINE PUMP #1 1330 1635 305 X MAU-1 (MTR. #4) 1330 1635 305 1330 1635 305 X-BRINE PUMP #2 X HWP-1 (MTR. #5) 1330 1635 305 1330 12415 11085 11085 X-AIR COMPR. #1 X HWP-2 (MTR. #6) X 3 80 6 12415 11085 2300 13385 11085 2300 13385 11085 X-AIR COMPR. #2 X 3 80 8 X CRU-1 (MTR. #7) 13385 | 11085 | 1275 | 1275 | X-AIR DRYER X EF-1 (MTR. #8) 2217 | 1275 | SPACE PHASE TOTALS: :PHASE TOTALS 31287 | 31287 | 31287 | TOTAL VA: 21,696 72,165 :TOTAL VA

	MOUNT	Τ	SPA	CES	L	OCATION	VOLTAGE	PH	WIRE	M	AIN BUS	S RATII	NG	MCB	MLO		WIRE			CONDUIT		
	SURFACE	E	4	2		RM. 116	120/208	3	4		22	5A		-	225A		-					
OLE	BRE	AKER	(	DUTLET		DE	SCRIPTION		VA	PHAS	SE LOA	D VA	VA	DES	SCRIPTION		OUTLE	T	BREAKER		POLE	
NO.	POLE	AMP	LGT	REC	MIS	]				Α	В	С				LGT	REC	MIS	POLE	AMP	NO.	
1	1	20	Х			OFFICE LIGHTS								CONTROL CKT. F	OR VFD			Х	1	20	2	
3	1	20		Х		COMPUTER RECI	EPT.							JOHNSON CONTR	OLS			Х	1	20	4	
5	1	20		Х		OFFICE CLOCK A	ND RECEPT.							STOVE			V		2	E0.	6	
7	1	20		Х		OFFICE RECEPT.								STOVE			X		2	50	8	
9	1	20			Χ	ACID PUMP CONT	ROLLER							GARBAGE DISPOS	SAL			Х	1	20	10	
11	1	20				SPARE								FIRE ALARM REC	ORDER			Х	1	20	12	
13	1	20			Х	MAU-1 CTRL. PNI	& AIR QUALITY	SENSOR	800	800				BANK SOFTENER				Х	1	20	14	
15	1	20				WATER HEATER,	WH-1		250		550		300	CUH-1, CUH-3				Х	1	20	16	
17	1	20				SPARE								LAUNDRY STEAM	METER			Х	1	20	18	
19	1	20		Х		WATER COOLER	AND BSMT. RECEI	PT.						SPARE					2	20	20	
21	1	20	Х			BSMT. LIGHTS								SPARE					2	30	22	
23	1	20	Х			TUNNEL LIGHTS								SPARE				Х	1	20	24	
25	1	20			Χ	VORTEX CONTRO	DL PANEL							REFRIGERATOR			Х		1	20	26	
27	1	20			Χ	OFFICE EXHAUST	FAN							JC 80 POWER				Х	1	20	28	
29	1	20	Х			TUNNEL LIGHTS								AIR DRYER				Х	1	30	30	
31	1	20	Х			TUNNEL LIGHTS								SPARE					1	20	32	
33	1	20				????								SPARE					1	20	34	
35	1	20			Χ	CORAVOL PUMP								SPARE					1	20	36	
37	1	20				SPARE															38	
39	1	20			Х	CIRC. PUMP CP-			528		528			3 PH TRANE A/C (	OFFICE			X	3	30	40	
41	1	20	Х			SOFTENER AREA	LIGHTS							1							42	
		1	ı			,	PHASE TOTALS:			800	1078			:PHASE	TOTALS	<u> </u>		1	1			
							TOTAL VA:		1,578				300	:TOT:	AV IVA							

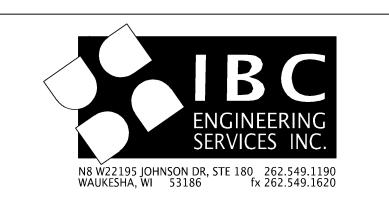
								P	ANE	L	<b>B</b> (E	XIS	AIT	IG)							
	MOUNT	-	SPA	CES	L	OCATION	VOLTAGE	PH	WIRE	M	AIN BU	S RATII	NG	MCB	MLO		WIRE			CONDU	ΙΤ
(	SURFACE	_	4	2		RM. 120	120/208	3	4		22	.5A		-	225A		-			,	
POLE	BREA	AKER	(	DUTLE	Ī	DE	SCRIPTION		VA	PHAS	SE LOA	D VA	VA	DE	SCRIPTION		OUTLE	T	BREAKER		POLE
NO.	POLE	AMP	LGT	REC	MIS	]				Α	В	С				LGT	REC	MIS	POLE	AMP	NO.
1	1	20				GEN. RM. LT'S; P	OWER FOR METER	ON GEN	i.	336			336	H.W. UNIT HEATE	R (UH-1)			Х	1	20	2
3	1	20				RECEPT. NORTH	WALL GENERATO	RM.			336		336	H.W. UNIT HEATE	R (UH-2)			Х	1	20	4
5	1	20				GEN. RM. HEATE	R FAN; STORAGE F	RM. AHU						SPARE					1	20	6
7	2	20				EMERGENCY GEI	N. CRANKCASE HE	ATER						RECEPT. ON CEN	ITER COLUMN				1	20	8
9		20									600		600	BOILER ROOM L	TG	Х			1	20	10
11	1	20				LT'S ELEC. RM. &	OUTSIDE BY GAS	METERS				250	250	EQUIPMENT ROC	M & NEW CORR LTG	Х			1	20	12
13	1	20				ELEC. RM. RECEI	PT.			360			360	BOILER ROOM R	ECEPTACLES		Х		1	20	14
15	1	20				OUTSIDE TRANS	FORMER HEATER							SPARE					1	20	16
17	1	20				POWER FOR MGE	METER							SPARE					1	20	18
19	1	20				EMERGENCY GEI	NERATOR			1176			1176	OVERHEAD DOO	R OPERATOR			Х	1	20	20
21	1	20				EMERGENCY GEI	N. BATTERY CHAR	GER						SPRINKLER SYST	EM RECEPT.				1	20	22
23	1	20				EMERGENCY GAS	S SHUT OFF SYSTI	ΞM						110V WREMOLD	RECEPT.				1	20	24
25	1	20				LIGHTS WORKSH	OP							110V WREMOLD	RECEPT.				1	20	26
27	1	20				WORKSHOP HEAT	TER FAN							GAS STATION LIG	SHTS				1	20	28
29	1	20				FUEL OIL DAY TA	NK PUMP							WATER SPRINKLI	ER - LAWN				1	20	30
31	1	20				HORN FOR CO2 S	SYSTEM							TLS					1	20	32
33	1	20				????								220 WIREMOLD R	ECEPT.				1	20	34
35	1	20				SPARE								220 WIREMOLD R	ECEPT.				1	20	36
37	1	20				JOHNSON CONTE	ROLS														38
39	1	20				SPARE								3 PH. WELDER O	JTLET				3	60	40
41	1	20				VA SIGN AND OU	TLET NORTH OUT:	SIDE													42
							PHASE TOTALS:			1872	936	250		:PHASE	TOTALS						
							TOTAL VA:						3,058	:ТОТ	AL VA						

100% CONSTRUCTION DOCUMENTS

CONSULTANTS: ARCHITECT/ENGINEERS: p 262.641.0746 f 262.641.0584 architects

one eighth inch = one foot

0 4 8 16



	100	OCHON DO		
wing Title lectrical Schedules	Project Title William S. Midd		ospital	Project Number 607-12-115
	Renovate Build	ing 2		Building Number 2
proved: Project Director	Location Madison, WI		Drawing Number	
	Date MARCH 29, 2013	Checked	Drawn KEB	E-604  Dwg. * of

Office of Construction and Facilities Management Depar ment of Veterans Affairs